

# Mark Lautens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2480561/publications.pdf>

Version: 2024-02-01

359  
papers

31,894  
citations

3149

92  
h-index

6282

158  
g-index

508  
all docs

508  
docs citations

508  
times ranked

12654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aryl-Aryl Bond Formation by Transition-Metal-Catalyzed Direct Arylation. <i>Chemical Reviews</i> , 2007, 107, 174-238.	23.0	3,459
2	Transition Metal-Mediated Cycloaddition Reactions. <i>Chemical Reviews</i> , 1996, 96, 49-92.	23.0	1,693
3	Rhodium-Catalyzed Carbon-Carbon Bond Forming Reactions of Organometallic Compounds. <i>Chemical Reviews</i> , 2003, 103, 169-196.	23.0	1,024
4	Secondary Alkyl Halides in Transition-Metal-Catalyzed Cross-Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2656-2670.	7.2	716
5	Construction of Nitrogen-Containing Heterocycles by C-H Bond Functionalization. <i>Chemistry - A European Journal</i> , 2009, 15, 5874-5883.	1.7	517
6	Modern Transition-Metal-Catalyzed Carbon-Halogen Bond Formation. <i>Chemical Reviews</i> , 2016, 116, 8003-8104.	23.0	491
7	Halide Effects in Transition Metal Catalysis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 26-47.	7.2	463
8	Palladium-catalysed norbornene-mediated C-H functionalization of arenes. <i>Nature Chemistry</i> , 2015, 7, 863-870.	6.6	433
9	Transition Metal-Catalyzed Enantioselective Ring-Opening Reactions of Oxabicyclic Alkenes. <i>Accounts of Chemical Research</i> , 2003, 36, 48-58.	7.6	401
10	A Route to Annulated Indoles via a Palladium-Catalyzed Tandem Alkylation/Direct Arylation Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 13148-13149.	6.6	322
11	Iridium-Catalyzed Asymmetric Synthesis of Functionally Rich Molecules Enabled by (Phosphoramidite, Olefin) Ligands. <i>Accounts of Chemical Research</i> , 2019, 52, 2657-2672.	7.6	252
12	Rhodium-Catalyzed Asymmetric Ring Opening of Oxabicyclic Alkenes with Organoboronic Acids. <i>Organic Letters</i> , 2002, 4, 1311-1314.	2.4	218
13	Palladium-Catalyzed Carbiodination of Alkenes: Carbon-Carbon Bond Formation with Retention of Reactive Functionality. <i>Journal of the American Chemical Society</i> , 2011, 133, 1778-1780.	6.6	218
14	A New Route to Fused Aromatic Compounds by Using a Palladium-Catalyzed Alkylation - Alkenylation Sequence. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1045-1046.	7.2	215
15	Palladium-Catalyzed Domino Direct Arylation/Arylation: Convenient Synthesis of Phenanthridines. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6713-6716.	7.2	213
16	Rhodium-Catalyzed Coupling Reactions of Arylboronic Acids to Olefins in Aqueous Media. <i>Journal of the American Chemical Society</i> , 2001, 123, 5358-5359.	6.6	205
17	Synthesis in the Key of Catellani: Norbornene-Mediated ortho C-H Functionalization. <i>Topics in Current Chemistry</i> , 2009, 292, 1-33.	4.0	205
18	Metal-Catalyzed Hydrostannations. <i>Chemical Reviews</i> , 2000, 100, 3257-3282.	23.0	201

#	ARTICLE	IF	CITATIONS
19	The Role of Reversible Oxidative Addition in Selective Palladium(0)-Catalyzed Intramolecular Cross-Couplings of Polyhalogenated Substrates: Synthesis of Brominated Indoles. <i>Journal of the American Chemical Society</i> , 2010, 132, 11416-11417.	6.6	196
20	Efficient Synthesis of Benzothiophenes by an Unusual Palladium-Catalyzed Vinylic C-S Coupling. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7064-7068.	7.2	187
21	A Convergent Synthesis of Polysubstituted Aromatic Nitriles via Palladium-Catalyzed C-H Functionalization. <i>Journal of the American Chemical Society</i> , 2007, 129, 15372-15379.	6.6	182
22	Palladium-Catalyzed Carbohalogenation: Bromide to Iodide Exchange and Domino Processes. <i>Journal of the American Chemical Society</i> , 2011, 133, 14916-14919.	6.6	178
23	Copper-Catalyzed Borylative Difunctionalization of $\beta$ -Systems. <i>ACS Catalysis</i> , 2020, 10, 11578-11622.	5.5	171
24	Synthesis of 2-Vinylic Indoles and Derivatives via a Pd-Catalyzed Tandem Coupling Reaction. <i>Organic Letters</i> , 2006, 8, 4203-4206.	2.4	170
25	Rhodium-Catalyzed Asymmetric Ring Opening Reactions of Oxabicyclic Alkenes: Application of Halide Effects in the Development of a General Process. <i>Journal of the American Chemical Society</i> , 2003, 125, 14884-14892.	6.6	164
26	Remote C-H alkylation and C-C bond cleavage enabled by an in situ generated palladacycle. <i>Nature Chemistry</i> , 2017, 9, 361-368.	6.6	164
27	Palladium-Catalyzed Enantioselective Alkylative Ring Opening. <i>Journal of the American Chemical Society</i> , 2000, 122, 1804-1805.	6.6	163
28	A Highly Selective Tandem Cross-Coupling of <i>gem</i> -Dihaloolefins for a Modular, Efficient Synthesis of Highly Functionalized Indoles. <i>Journal of Organic Chemistry</i> , 2008, 73, 538-549.	1.7	160
29	Pd-Catalyzed Tandem C-N/C-C Coupling of <i>gem</i> -Dihalovinyl Systems: A Modular Synthesis of 2-Substituted Indoles. <i>Organic Letters</i> , 2005, 7, 3549-3552.	2.4	157
30	A General and Practical Method of Alkynyl Indole and Benzofuran Synthesis via Tandem Cu- and Pd-Catalyzed Cross-Couplings. <i>Organic Letters</i> , 2007, 9, 2955-2958.	2.4	155
31	Exploiting the Divergent Reactivity of Aryl-Palladium Intermediates for the Rapid Assembly of Fluorene and Phenanthrene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1849-1852.	7.2	155
32	Visible-Light-Mediated Deaminative Three-Component Dicarbonylation of Styrenes with Benzylic Radicals. <i>ACS Catalysis</i> , 2019, 9, 236-241.	5.5	155
33	Rhodium-Catalyzed Asymmetric Alcoholysis and Aminolysis of Oxabenzonorbornadiene: A New Enantioselective Carbon-Heteroatom Bond Forming Process. <i>Journal of the American Chemical Society</i> , 2000, 122, 5650-5651.	6.6	153
34	Exploiting the Chemistry of Strained Rings: Synthesis of Indoles via Domino Reaction of Aryl Iodides with 2-Azirines. <i>Organic Letters</i> , 2010, 12, 3312-3315.	2.4	152
35	Metal-Catalyzed Approaches toward the Oxindole Core. <i>Accounts of Chemical Research</i> , 2020, 53, 1605-1619.	7.6	146
36	Scope of Palladium-Catalyzed Alkylative Ring Opening. <i>Journal of the American Chemical Society</i> , 2004, 126, 1437-1447.	6.6	144

#	ARTICLE	IF	CITATIONS
37	Rhodium-Catalyzed Ring-Opening Reactions of N-Boc-Azabenzonorbornadienes with Amine Nucleophiles. <i>Journal of the American Chemical Society</i> , 2006, 128, 6837-6846.	6.6	141
38	Organoselenium-Catalyzed Mild Dehydration of Aldoximes: An Unexpected Practical Method for Organonitrile Synthesis. <i>Organic Letters</i> , 2014, 16, 1346-1349.	2.4	141
39	Regioselective Rhodium-Catalyzed Addition of Arylboronic Acids to Alkynes with a Pyridine-Substituted Water-Soluble Ligand. <i>Organic Letters</i> , 2002, 4, 123-125.	2.4	140
40	The Norbornene Shuttle: Multicomponent Domino Synthesis of Tetrasubstituted Helical Alkenes through Multiple C-H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1447-1451.	7.2	136
41	Using ring-opening reactions of oxabicyclic compounds as a strategy in organic synthesis. <i>Topics in Current Chemistry</i> , 1997, , 1-85.	4.0	132
42	Mechanistic Studies of the Palladium-Catalyzed Ring Opening of Oxabicyclic Alkenes with Dialkylzinc. <i>Journal of the American Chemical Society</i> , 2001, 123, 6834-6839.	6.6	132
43	Tandem Pd-Catalyzed Double C-C Bond Formation: Effect of Water. <i>Journal of Organic Chemistry</i> , 2009, 74, 3054-3061.	1.7	132
44	Rhodium(I)-Catalyzed Cyclization Reaction of <i>o</i> -Alkynyl Phenols and Anilines. Domino Approach to 2,3-Disubstituted Benzofurans and Indoles. <i>Organic Letters</i> , 2009, 11, 1329-1331.	2.4	129
45	Enantioselective Rh-Catalyzed Domino Transformations of Alkynylcyclohexadienones with Organoboron Reagents. <i>Organic Letters</i> , 2013, 15, 1148-1151.	2.4	128
46	Rhodium-Catalyzed Enantioselective Nucleophilic Fluorination: Ring Opening of Oxabicyclic Alkenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12353-12356.	7.2	127
47	Palladium-Catalyzed Annulation of Aryl Heterocycles with Strained Alkenes. <i>Organic Letters</i> , 2007, 9, 1761-1764.	2.4	126
48	Formal Synthesis of Nitidine and NK109 via Palladium-Catalyzed Domino Direct Arylation/ <i>N</i> -Arylation of Aryl Triflates. <i>Organic Letters</i> , 2011, 13, 1486-1489.	2.4	126
49	Expeditious Synthesis of Tetrasubstituted Helical Alkenes by a Cascade of Palladium-Catalyzed C-H Activations. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9846-9850.	7.2	126
50	Palladium-Catalyzed Spirocyclization through C-H Activation and Regioselective Alkyne Insertion. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10920-10923.	7.2	126
51	Mechanistic Studies of Pd-Catalyzed Regioselective Aryl C-H Bond Functionalization with Strained Alkenes: Origin of Regioselectivity. <i>Chemistry - A European Journal</i> , 2011, 17, 8175-8188.	1.7	124
52	Divergent Selectivity in MgI <sub>2</sub> -Mediated Ring Expansions of Methylenecyclopropyl Amides and Imides. <i>Journal of the American Chemical Society</i> , 2002, 124, 6312-6316.	6.6	123
53	Effects of Halide Ligands and Protic Additives on Enantioselectivity and Reactivity in Rhodium-Catalyzed Asymmetric Ring-Opening Reactions. <i>Journal of the American Chemical Society</i> , 2001, 123, 7170-7171.	6.6	117
54	Rh/Pd Catalysis with Chiral and Achiral Ligands: Domino Synthesis of Aza-Dihydrodibenzoxepines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9755-9758.	7.2	117

#	ARTICLE	IF	CITATIONS
55	Synergistic Steric Effects in the Development of a Palladium-Catalyzed Alkyne Carbohalogenation: Stereodivergent Synthesis of Vinyl Halides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 254-257.	7.2	117
56	Synthesis of Dihydronaphthalenes via Aryne Diels-Alder Reactions: Scope and Diastereoselectivity. <i>Journal of the American Chemical Society</i> , 2005, 127, 15028-15029.	6.6	116
57	Dearomative Indole Bisfunctionalization via a Diastereoselective Palladium-Catalyzed Arylcyanation. <i>Organic Letters</i> , 2015, 17, 4838-4841.	2.4	116
58	Intramolecular cross-coupling of gem-dibromoolefins: a mild approach to 2-bromo benzofused heterocycles. <i>Chemical Communications</i> , 2009, , 5236.	2.2	115
59	Total Synthesis of (+)-Linoxepin by Utilizing the Catellani Reaction. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5305-5308.	7.2	115
60	Nickel-Catalyzed Hydroalumination of Oxabicyclic Alkenes. Ligand Effects on the Regio- and Enantioselectivity. <i>Journal of the American Chemical Society</i> , 1995, 117, 532-533.	6.6	114
61	Palladium-Catalyzed Sequential Alkylation-Alkenylation Reactions: New Three-Component Coupling Leading to Oxacycles. <i>Organic Letters</i> , 2003, 5, 4827-4830.	2.4	114
62	Rhodium-Catalyzed Addition of Arylboronic Acids to Alkynyl Aza-Heteroaromatic Compounds in Water. <i>Journal of Organic Chemistry</i> , 2003, 68, 762-769.	1.7	114
63	Palladium(II) Catalyst Systems for the Addition of Boronic Acids to Bicyclic Alkenes: New Scope and Reactivity. <i>Organic Letters</i> , 2003, 5, 3695-3698.	2.4	111
64	Reagent-Controlled Regiodivergent Resolution of Unsymmetrical Oxabicyclic Alkenes Using a Cationic Rhodium Catalyst. <i>Journal of the American Chemical Society</i> , 2009, 131, 444-445.	6.6	111
65	Domino Rhodium-Catalyzed Alkyne Arylation/Palladium-Catalyzed N-Arylation: A Mechanistic Investigation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9089-9092.	7.2	111
66	Total Synthesis of Ionomycin Using Ring-Opening Strategies. <i>Organic Letters</i> , 2002, 4, 1879-1882.	2.4	109
67	An Expedient Enantioselective Route to Diaminotetralins: Application in the Preparation of Analgesic Compounds. <i>Organic Letters</i> , 2002, 4, 3465-3468.	2.4	106
68	CuI-Catalyzed Tandem Intramolecular Amidation Using gem-Dibromovinyl Systems. <i>Organic Letters</i> , 2006, 8, 653-656.	2.4	106
69	Chemodivergence in Enantioselective Desymmetrization of Diazabicycles: Ring-Opening versus Reductive Arylation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2085-2088.	7.2	105
70	Rhodium-Catalyzed Ring Opening of Vinyl Epoxides with Alcohols and Aromatic Amines. <i>Organic Letters</i> , 2000, 2, 2319-2321.	2.4	104
71	A Conjunctive Carbodiodination: Indenes by a Double Carbopalladation-Reductive Elimination Domino Process. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9870-9872.	7.2	104
72	Pd-Catalyzed Spirocyclization via C-H Activation and Benzyne Insertion. <i>Organic Letters</i> , 2016, 18, 6324-6327.	2.4	104

#	ARTICLE	IF	CITATIONS
73	Preparation of Annulated Nitrogen-Containing Heterocycles via a One-Pot Palladium-Catalyzed Alkylation/Direct Arylation Sequence. <i>Organic Letters</i> , 2006, 8, 2043-2045.	2.4	103
74	Synthesis of Benzannulated N-Heterocycles by a Palladium-Catalyzed C <sup>∞</sup> C/C <sup>∞</sup> N Coupling of Bromoalkylamines. <i>Organic Letters</i> , 2007, 9, 5255-5258.	2.4	103
75	Pd(0)-Catalyzed Dearomative Diarylation of Indoles. <i>Chemistry - A European Journal</i> , 2016, 22, 5684-5691.	1.7	103
76	Enantioselective Intramolecular Copper-Catalyzed Borylacylation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13927-13930.	7.2	102
77	Enantioselective Ring Opening of Aza and Oxabicyclic Alkenes with Dimethylzinc. <i>Organic Letters</i> , 2000, 2, 1971-1973.	2.4	101
78	Rhodium-Catalyzed Tandem Cyclization: Formation of 1H-Indenes and 1-Alkylideneindans from Arylboronate Esters in Aqueous Media. <i>Journal of Organic Chemistry</i> , 2004, 69, 4607-4614.	1.7	101
79	Carboiodination Catalyzed by Nickel. <i>Journal of the American Chemical Society</i> , 2018, 140, 10950-10954.	6.6	101
80	General Strategy toward the Tetrahydronaphthalene Skeleton. An Expedient Total Synthesis of Sertraline. <i>Journal of Organic Chemistry</i> , 1997, 62, 5246-5247.	1.7	100
81	Efficient Syntheses of KDR Kinase Inhibitors Using a Pd-Catalyzed Tandem C <sup>∞</sup> N/Suzuki Coupling as the Key Step. <i>Journal of Organic Chemistry</i> , 2007, 72, 1341-1346.	1.7	100
82	Intermolecular Domino Reaction of Two Aryl Iodides Involving Two C <sup>∞</sup> H Functionalizations. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5147-5151.	7.2	100
83	Asymmetric Catalysis Special Feature Part I: Rhodium-catalyzed asymmetric ring opening reactions of oxabicyclic alkenes: Catalyst and substrate studies leading to a mechanistic working model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5455-5460.	3.3	99
84	Rhodium-Catalyzed Asymmetric Ring Opening of Oxabicyclic Alkenes with Phenols. <i>Organic Letters</i> , 2000, 2, 1677-1679.	2.4	98
85	Synthesis of Polycyclic Benzonitriles via a One-Pot Aryl Alkylation/Cyanation Reaction. <i>Journal of the American Chemical Society</i> , 2006, 128, 14436-14437.	6.6	98
86	A General Modular Method of Azaindole and Thienopyrrole Synthesis via Pd-Catalyzed Tandem Couplings of gem-Dichloroolefins. <i>Journal of Organic Chemistry</i> , 2007, 72, 5152-5160.	1.7	97
87	Ring Opening in the Hydrostannation of Methylene-cyclopropanes: Effect of the Catalyst and Substrate. <i>Journal of the American Chemical Society</i> , 1996, 118, 10676-10677.	6.6	96
88	Pd-catalyzed dearomative arylborylation of indoles. <i>Chemical Science</i> , 2019, 10, 3118-3122.	3.7	96
89	A Palladium-Catalyzed Alkylation/Direct Arylation Synthesis of Nitrogen-Containing Heterocycles. <i>Journal of Organic Chemistry</i> , 2008, 73, 1888-1897.	1.7	94
90	Cobalt-Catalyzed Enantioselective Hydroarylation of 1,6-Enynes. <i>Journal of the American Chemical Society</i> , 2020, 142, 9510-9517.	6.6	94

#	ARTICLE	IF	CITATIONS
91	Silver-Promoted Domino Pd-Catalyzed Amination/Direct Arylation: Access to Polycyclic Heteroaromatics. <i>Organic Letters</i> , 2008, 10, 4633-4636.	2.4	93
92	Rhodium-Catalyzed Asymmetric Ring Opening of Oxabicyclic Alkenes with Sulfur Nucleophiles. <i>Journal of Organic Chemistry</i> , 2004, 69, 2194-2196.	1.7	92
93	Palladium-Catalyzed Intramolecular Coupling between Aryl Iodides and Allyl Moieties via Thermal and Microwave-Assisted Conditions. <i>Journal of the American Chemical Society</i> , 2005, 127, 72-73.	6.6	92
94	Selective functionalization of 1,2-dihydronaphthalenols leads to a concise, stereoselective synthesis of sertraline. <i>Tetrahedron</i> , 1999, 55, 8967-8976.	1.0	91
95	Rhodium-Catalyzed Asymmetric Allylic Substitution with Boronic Acid Nucleophiles. <i>Organic Letters</i> , 2006, 8, 4569-4572.	2.4	91
96	Harnessing Reversible Oxidative Addition: Application of Diiodinated Aromatic Compounds in the Carboiodination Process. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10635-10638.	7.2	91
97	Stereochemical and Mechanistic Investigations of a Palladium-Catalyzed Annulation of Secondary Alkyl Iodides. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1485-1488.	7.2	90
98	Enantioselective Palladium-Catalyzed Carbozincation of Cyclopropenes. <i>Organic Letters</i> , 2011, 13, 819-821.	2.4	90
99	Theoretical study of Pd(0)-catalyzed carbohalogenation of alkenes: mechanism and origins of reactivities and selectivities in alkyl halide reductive elimination from Pd(II) species. <i>Chemical Science</i> , 2012, 3, 1987.	3.7	90
100	Additive Effects in the Palladium-Catalyzed Carboiodination of Chiral <i>N</i> -Allyl Carboxamides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7908-7912.	7.2	90
101	An Exclusively <i>trans</i> -Selective Chlorocarbonylation of Alkynes Enabled by a Palladium/Phosphaadamantane Catalyst. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15897-15900.	7.2	90
102	Rhodium(I)-Catalyzed Addition of Arylboronic Acids to (Benzyl-/Arylsulfonyl)acetonitriles: Efficient Synthesis of $\beta$ -Sulfonylvinyllamines and $\beta$ -Keto Sulfoxones. <i>Organic Letters</i> , 2011, 13, 208-211.	2.4	89
103	Synthesis of Novel Tetracycles via an Intramolecular Heck Reaction with anti-Hydride Elimination. <i>Organic Letters</i> , 2003, 5, 3679-3682.	2.4	88
104	Palladium-Catalyzed Hydrohalogenation of 1,6-Enynes: Hydrogen Halide Salts and Alkyl Halides as Convenient HX Surrogates. <i>Journal of the American Chemical Society</i> , 2017, 139, 3546-3557.	6.6	88
105	A New Route to the Enantioselective Synthesis of Cycloheptenols. Temperature Effects in the Asymmetric Reductive Ring Opening of [3.2.1] Oxabicycloalkenes. <i>Journal of the American Chemical Society</i> , 1997, 119, 11090-11091.	6.6	87
106	A Rhodium [( <i>â</i> )-menthyl] Complex as a Highly Selective Catalyst for the Asymmetric Hydroarylation of Azabicycles: An Alternative Route to Epibatidine. <i>Organic Letters</i> , 2010, 12, 3160-3163.	2.4	87
107	Ligand Control in Enantioselective Desymmetrization of Bicyclic Hydrazines: Rhodium(I)-Catalyzed Ring-Opening versus Hydroarylation. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2893-2902.	2.1	86
108	Palladium-Catalyzed Alkylation-Hydride Reduction Sequence: Synthesis of Meta-Substituted Arenes. <i>Organic Letters</i> , 2005, 7, 4053-4056.	2.4	85

#	ARTICLE	IF	CITATIONS
109	Development of an Intramolecular Aryne Ene Reaction and Application to the Formal Synthesis of (±)-Crinine. <i>Journal of the American Chemical Society</i> , 2012, 134, 15572-15580.	6.6	84
110	Forming Benzylic Iodides via a Nickel Catalyzed Diastereoselective Dearomative Carboiodination Reaction of Indoles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5095-5099.	7.2	84
111	Mechanistic insights on the Pd-catalyzed addition of C–X bonds across alkynes – a combined experimental and computational study. <i>Chemical Science</i> , 2017, 8, 2914-2922.	3.7	83
112	Palladium-Catalyzed Sequential Alkylation/Alkenylation Reactions and Their Application to the Synthesis of Fused Aromatic Rings. <i>Journal of Organic Chemistry</i> , 2001, 66, 8127-8134.	1.7	82
113	MgI <sub>2</sub> -Mediated Ring Expansions of Secondary Methylenecyclopropyl Amides. <i>Journal of the American Chemical Society</i> , 2003, 125, 4028-4029.	6.6	82
114	Rhodium-catalysed asymmetric ring opening of oxabicyclic alkenes with heteroatom nucleophiles. <i>Journal of Organometallic Chemistry</i> , 2001, 624, 259-270.	0.8	81
115	Synthesis of Annulated 2-H-Indazoles and 1,2,3- and 1,2,4-Triazoles via a One-Pot Palladium-Catalyzed Alkylation/Direct Arylation Reaction. <i>Journal of Organic Chemistry</i> , 2008, 73, 9164-9167.	1.7	81
116	Functionalized Chromans and Isochromans via a Diastereoselective Pd(0)-Catalyzed Carboiodination. <i>Organic Letters</i> , 2012, 14, 4806-4809.	2.4	81
117	Stereochemical Control in Metal-Catalyzed [3 + 2] Cycloadditions of Methylenecyclopropanes. <i>Journal of the American Chemical Society</i> , 1994, 116, 8821-8822.	6.6	79
118	Enantioselective Total Synthesis of (+)-Homochelidonine by a PdII-Catalyzed Asymmetric Ring-Opening Reaction of meso-Azabicyclic Alkene with an Aryl Boronic Acid. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 433-436.	7.2	79
119	Addition of Arylboronic Acids to Arylpropargyl Alcohols en Route to Indenes and Quinolines. <i>Organic Letters</i> , 2011, 13, 5314-5317.	2.4	79
120	Gold Meets Rhodium: Tandem One-Pot Synthesis of $\beta^2$ -Disubstituted Ketones via Meyer-Schuster Rearrangement and Asymmetric 1,4-Addition. <i>Organic Letters</i> , 2013, 15, 3226-3229.	2.4	78
121	Palladium-catalyzed ring-forming reactions: Methods and applications. <i>Pure and Applied Chemistry</i> , 2006, 78, 351-361.	0.9	77
122	Palladium-Catalyzed Annulation of Haloanilines and Halobenzamides Using Norbornadiene as an Acetylene Synthon: A Route to Functionalized Indolines, Isoquinolinones, and Indoles. <i>Journal of Organic Chemistry</i> , 2009, 74, 1673-1678.	1.7	77
123	Synthesis of 1,2,3-triazole-fused heterocycles via Pd-catalyzed cyclization of 5-iodotriazoles. <i>Chemical Communications</i> , 2012, 48, 55-57.	2.2	77
124	Palladium-Catalyzed Norbornene-Mediated Tandem Amination/Cyanation Reaction: A Method for the Synthesis of ortho-Aminated Benzonitriles. <i>Organic Letters</i> , 2016, 18, 4166-4169.	2.4	77
125	Selectively Substituted Thiophenes and Indoles by a Tandem Palladium-Catalyzed Multicomponent Reaction. <i>Organic Letters</i> , 2006, 8, 3939-3942.	2.4	76
126	Combining Ru-Catalyzed C–H Functionalization with Pd-Catalyzed Asymmetric Allylic Alkylation: Synthesis of 3-Allyl-3-aryl Oxindole Derivatives from Aryl $\beta^2$ -Diazoamides. <i>Organic Letters</i> , 2016, 18, 4954-4957.	2.4	76



#	ARTICLE	IF	CITATIONS
127	Organoselenium-Catalyzed Baeyer-Villiger Oxidation of $\alpha,\beta$ -Unsaturated Ketones by Hydrogen Peroxide to Access Vinyl Esters. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 955-960.	2.1	75
128	Diastereoselective Ring Closing Metathesis Reactions: Synthesis of Bicyclic Diallylic Alcohols and Ethers. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 129-131.	7.2	74
129	Rhodium-catalysed asymmetric ring opening reactions with carboxylate nucleophiles. <i>Tetrahedron</i> , 2001, 57, 5067-5072.	1.0	74
130	Domino rhodium(I)-catalysed reactions for the efficient synthesis of substituted benzofurans and indoles. <i>Tetrahedron</i> , 2010, 66, 6468-6482.	1.0	74
131	A Tandem Catalytic Approach to Methyleneindenes: Mechanistic Insights into <i>gem</i> -Dibromoolefin Reactivity. <i>Organic Letters</i> , 2010, 12, 2754-2757.	2.4	73
132	Sequential Rhodium/Palladium Catalysis: Enantioselective Formation of Dihydroquinolinones in the Presence of Achiral and Chiral Ligands. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13850-13853.	7.2	73
133	A New Multicomponent Multicatalyst Reaction (MC) <sup>2</sup> : Chemoselective Cycloaddition and Latent Catalyst Activation for the Synthesis of Fully Substituted 1,2,3-Triazoles. <i>Organic Letters</i> , 2016, 18, 2644-2647.	2.4	73
134	Total Synthesis of (±)-Kainic Acid via a Diastereoselective Methylene-cyclopropane Ring Expansion. <i>Organic Letters</i> , 2005, 7, 3045-3047.	2.4	72
135	Multicomponent Multicatalyst Reactions (MC) <sup>2</sup> : One-Pot Synthesis of 3,4-Dihydroquinolinones. <i>Organic Letters</i> , 2013, 15, 2128-2131.	2.4	72
136	Enantioselective Catalytic Ring Expansion of Methylene-cyclopropane Carboxamides Promoted by a Chiral Magnesium Lewis Acid. <i>Organic Letters</i> , 2007, 9, 591-593.	2.4	70
137	The emergence of Pd-mediated reversible oxidative addition in cross coupling, carbonylation and carbonylation reactions. <i>Nature Catalysis</i> , 2019, 2, 843-851.	16.1	67
138	Palladium-Catalyzed Reductive <i>ortho</i> -Arylation: Evidence for the Decomposition of 1,2-Dimethoxyethane and Subsequent Arylpalladium(II) Reduction. <i>Organic Letters</i> , 2010, 12, 5186-5188.	2.4	66
139	Allenlic Carbonates in Enantioselective Iridium-Catalyzed Alkylations. <i>Journal of the American Chemical Society</i> , 2018, 140, 4697-4704.	6.6	66
140	Concise Enantioselective Total Syntheses of (+)-Homochelidonine, (+)-Chelamidine, (+)-Chelidonine, (+)-Chelamine and (+)-Norchelidonine by a Pd-Catalyzed Ring-Opening Strategy. <i>Chemistry - A European Journal</i> , 2008, 14, 2112-2124.	7.7	65
141	Rhodium-Catalyzed Enantioselective Defluorinative Arylation of Secondary Amides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16147-16151.	7.2	65
142	Practical Asymmetric Synthesis of Bioactive Aminotetralins from a Racemic Precursor Using a Regiodivergent Resolution. <i>Organic Letters</i> , 2010, 12, 5418-5421.	2.4	63
143	Rhodium(I)-Catalyzed Domino Asymmetric Ring Opening/Enantioselective Isomerization of Oxabicyclic Alkenes with Water. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5400-5404.	7.2	63
144	Stereoselective Synthesis of Methylene Oxindoles via Palladium(II)-Catalyzed Intramolecular Cross-Coupling of Carbamoyl Chlorides. <i>Journal of the American Chemical Society</i> , 2016, 138, 14441-14448.	6.6	63

#	ARTICLE	IF	CITATIONS
145	Addition of Bifunctional Organoboron Reagents to Strained Alkenes. Carbon-Carbon Bond Formation with Rh(I) Catalysis in Aqueous Media. <i>Journal of Organic Chemistry</i> , 2004, 69, 3478-3487.	1.7	62
146	Linear-Selective Rhodium(I)-Catalyzed Addition of Arylboronic Acids to Allyl Sulfones. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8938-8941.	7.2	62
147	Exploring the mechanism of the Pd-catalyzed spirocyclization reaction: a combined DFT and experimental study. <i>Chemical Science</i> , 2018, 9, 1496-1509.	3.7	62
148	An Expedient Route for the Stereoselective Construction of Bridged Polyheterocyclic Ring Systems Using the Tandem Pincer-Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 1997, 62, 4418-4427.	1.7	61
149	Palladium-Catalyzed Sequential Alkylation-Alkenylation Reactions. Application to the Synthesis of 2-Substituted-4-Benzoxepines and 2,5-Disubstituted-4-Benzoxepines. <i>Journal of Organic Chemistry</i> , 2002, 67, 3972-3974.	1.7	61
150	Palladium-Catalyzed Domino C-C/C-N Coupling Using a Norbornene Template: Synthesis of Substituted Benzomorpholines, Phenoxazines, and Dihydrodibenzoxazepines. <i>Journal of Organic Chemistry</i> , 2010, 75, 3495-3498.	1.7	61
151	One-Pot Synthesis of Chiral Dihydrobenzofuran Framework via Rh/Pd Catalysis. <i>Organic Letters</i> , 2012, 14, 5542-5545.	2.4	61
152	Expedient Synthesis of Chiral Oxazolidinone Scaffolds via Rhodium-Catalyzed Asymmetric Ring-Opening with Sodium Cyanate. <i>Organic Letters</i> , 2013, 15, 1064-1067.	2.4	61
153	Palladium-Catalyzed Arylation/Heteroarylation of Indoles: Access to 2,3-Functionalized Indolines. <i>Organic Letters</i> , 2018, 20, 7332-7335.	2.4	61
154	A Simple, Cost-Effective Method for the Regioselective Deuteration of Anilines. <i>Organic Letters</i> , 2008, 10, 4351-4353.	2.4	60
155	Diastereoselective Formation of Indanes from Arylboronate Esters Catalyzed by Rhodium(I) in Aqueous Media. <i>Organic Letters</i> , 2002, 4, 2105-2108.	2.4	59
156	The Use of Silyl Ketene Acetals and Enol Ethers in the Catalytic Enantioselective Alkylative Ring Opening of Oxa/Aza Bicyclic Alkenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5951-5954.	7.2	59
157	The versatile role of norbornene in C-H functionalization processes: concise synthesis of tetracyclic fused pyrroles via a threefold domino reaction. <i>Tetrahedron</i> , 2008, 64, 6002-6014.	1.0	58
158	Nickel-Catalyzed Enantioselective Carbamoyl Iodination: A Surrogate for Carbamoyl Iodides. <i>ACS Catalysis</i> , 2020, 10, 4780-4785.	5.5	58
159	Nickel-Catalyzed Addition of Grignard Reagents to Oxabicyclic Compounds. Ring-Opening Reactions with Previously Unreactive Substrates and Nucleophiles. <i>Journal of Organic Chemistry</i> , 1996, 61, 7246-7247.	1.7	57
160	A Highly Diastereoselective MgI <sub>2</sub> -Mediated Ring Expansion of Methylene-cyclopropanes. <i>Organic Letters</i> , 2004, 6, 3309-3312.	2.4	57
161	C-H Bond Functionalization in the Synthesis of Fused 1,2,3-Triazoles. <i>Organic Letters</i> , 2010, 12, 5092-5095.	2.4	57
162	Rhodium-Catalyzed Tandem Vinylcyclopropanation of Strained Alkenes. <i>Journal of the American Chemical Society</i> , 2006, 128, 5338-5339.	6.6	55

#	ARTICLE	IF	CITATIONS
163	Synthesis of Tricyclic Heterocycles via a Tandem Aryl Alkylation/Heck Coupling Sequence. <i>Journal of Organic Chemistry</i> , 2007, 72, 775-781.	1.7	55
164	A Highly Efficient and Selective Route to Isomeric Cyclic Diazadienes. <i>Journal of the American Chemical Society</i> , 2007, 129, 1482-1483.	6.6	55
165	Transition-Metal-Free [4+3] Cycloaddition of <i>ortho</i> -Quinone Methides and Isomeric $\beta$ -naphthones: Catalytic and Diastereoselective Assembly of Oxa-bridged Oxazocine Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16185-16189.	7.2	55
166	Migratory Insertion Strategies for Dearomatization. <i>Synthesis</i> , 2019, 51, 4137-4146.	1.2	55
167	Palladium-Catalyzed Intramolecular [3 + 2] Cycloadditions of Methylene-cyclopropanes With Alkenes: Diastereomeric Methylene-cyclopropanes Exhibit Complementary Facial Selectivity. <i>Journal of the American Chemical Society</i> , 1996, 118, 10668-10669.	6.6	54
168	Synthesis of Polycyclic Heterocycles via a One-Pot Ortho Alkylation/Direct Heteroarylation Sequence. <i>Organic Letters</i> , 2006, 8, 4827-4829.	2.4	54
169	Palladium-Catalyzed Disilylation and Digermanylation of Alkene Tethered Aryl Halides: Direct Access to Versatile Silylated and Germanylated Heterocycles. <i>Organic Letters</i> , 2020, 22, 3679-3683.	2.4	54
170	Palladium-Catalyzed Hydrostannation-Cyclization of 1,6-Diyne. Generation of 1,2-Dialkylidene-cyclopentanes with a Tributylstannane Moiety. <i>Journal of Organic Chemistry</i> , 1997, 62, 8970-8971.	1.7	53
171	Application of Secondary Alkyl Halides to a Domino Aryl Alkylation Reaction for the Synthesis of Aromatic Heterocycles. <i>Journal of Organic Chemistry</i> , 2009, 74, 289-297.	1.7	53
172	Cu/Pd-Catalyzed Synthesis of Fully Decorated Polycyclic Triazoles: Introducing C-H Functionalization to Multicomponent Multicatalytic Reactions ((MC) <sup>2</sup> R). <i>ACS Catalysis</i> , 2016, 6, 4946-4952.	5.5	53
173	Rhodium-Catalyzed Enantioselective Reductive Arylation: Convenient Access to 3,3-Disubstituted Oxindoles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11927-11930.	7.2	52
174	A Palladium-Catalyzed Approach to Polycyclic Sulfur Heterocycles. <i>Journal of Organic Chemistry</i> , 2008, 73, 8705-8710.	1.7	51
175	Regioselective Rhodium(I)-Catalyzed Hydroarylation of Protected Allylic Amines with Arylboronic Acids. <i>Organic Letters</i> , 2010, 12, 2456-2459.	2.4	51
176	Palladium-Catalyzed Synthesis of Dihydrobenzoindolones via C-H Bond Activation and Alkyne Insertion. <i>Organic Letters</i> , 2018, 20, 4367-4370.	2.4	51
177	Coordination-Induced Stereocontrol over Carbocations: Asymmetric Reductive Deoxygenation of Racemic Tertiary Alcohols. <i>Journal of the American Chemical Society</i> , 2019, 141, 4738-4748.	6.6	51
178	Enantioselective Allylation of $\alpha,\beta$ -Unsaturated Aldehydes Generated via Lewis Acid Induced Rearrangement of 2-Vinyloxiranes. <i>Organic Letters</i> , 2002, 4, 83-86.	2.4	50
179	Direct, One-Step Synthesis of Condensed Heterocycles: A Palladium-Catalyzed Coupling Approach. <i>Organic Letters</i> , 2006, 8, 3601-3604.	2.4	50
180	Intramolecular Aryne-Ene Reaction: Synthetic and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2011, 133, 14200-14203.	6.6	50

#	ARTICLE	IF	CITATIONS
181	Rhodium-Catalyzed Arylative Cyclization for the Enantioselective Synthesis of (Trifluoromethyl)cyclobutanols. <i>Chemistry - A European Journal</i> , 2014, 20, 14194-14197.	1.7	49
182	Diastereoselective Intermolecular [4 + 3] Cycloadditions via an Extended Transition State: A Route to Enantiomerically Enriched Cycloadducts. <i>Journal of the American Chemical Society</i> , 1996, 118, 10930-10931.	6.6	48
183	Modular and Stereoselective Synthesis of Tetrasubstituted Helical Alkenes via a Palladium-Catalyzed Domino Reaction. <i>Organic Letters</i> , 2012, 14, 3648-3651.	2.4	48
184	Scope of the nickel catalyzed asymmetric reductive ring opening reaction. Synthesis of enantiomerically enriched cyclohexenols. <i>Tetrahedron</i> , 1998, 54, 1107-1116.	1.0	47
185	Synthetic Studies of the Formation of Oxazoles and Isoxazoles from N-Acetoacetyl Derivatives: Scope and Limitations. <i>Organic Letters</i> , 2000, 2, 555-557.	2.4	47
186	Synthesis of Substituted Benzoxacycles via a Domino Ortho-Alkylation/Heck Coupling Sequence. <i>Journal of Organic Chemistry</i> , 2006, 71, 4937-4942.	1.7	47
187	Synthesis of Highly Functionalized Pyrrolidines via a Selective Iodide-Mediated Ring Expansion of Methylene-cyclopropyl Amides. <i>Journal of Organic Chemistry</i> , 2008, 73, 8154-8162.	1.7	47
188	Diastereoselective Palladium-Catalyzed Arylcyanation/Heteroarylcyanation of Enantioenriched <i>N</i> -Allylcarboxamides. <i>Organic Letters</i> , 2014, 16, 6420-6423.	2.4	47
189	Chlorotrimethylsilane as an Activating Reagent in the Samarium-Promoted Cyclopropanation of Allylic and $\pm$ -Allenic Alcohols. <i>Journal of Organic Chemistry</i> , 1996, 61, 2210-2214.	1.7	46
190	Chemoselective Cross Metathesis of Bishomoallylic Alcohols: Rapid Access to Fragment A of the Cryptophycins. <i>Organic Letters</i> , 2004, 6, 1883-1886.	2.4	46
191	Enantio- and Diastereodivergent Sequential Catalysis Featuring Two Transition-Metal-Catalyzed Asymmetric Reactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16932-16936.	7.2	46
192	Aromatic <i>ortho</i> -Benzylation Reveals an Unexpected Reductant. <i>Organic Letters</i> , 2008, 10, 5095-5097.	2.4	45
193	Ligand-Controlled Selectivity in the Desymmetrization of <i>meso</i> Cyclopenten-1,4-diols via Rhodium(I)-Catalyzed Addition of Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2010, 75, 4056-4068.	1.7	45
194	Diastereoselective Friedel-Crafts Alkylation of Hydronaphthalenes. <i>Journal of Organic Chemistry</i> , 2011, 76, 9031-9045.	1.7	45
195	Multicomponent-Multicatalyst Reactions (MC) <sup>2</sup> : Efficient Dibenzazepine Synthesis. <i>Organic Letters</i> , 2014, 16, 110-113.	2.4	45
196	Rh-Catalyzed Domino Addition-Enolate Arylation: Generation of 3-Substituted Oxindoles via a Rh(III) Intermediate. <i>Organic Letters</i> , 2015, 17, 3895-3897.	2.4	45
197	Catalytic asymmetric transformations of oxa- and azabicyclic alkenes. <i>Chemical Society Reviews</i> , 2021, 50, 3013-3093.	18.7	45
198	Rhodium-Catalyzed Domino Enantioselective Synthesis of Bicyclo[2.2.2]lactones. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7346-7349.	7.2	44

#	ARTICLE	IF	CITATIONS
199	Synthesis and Reactivity of Model Intermediates Proposed for the Pd-Catalyzed Remote C-H Functionalization of <i>N</i> -(2-Haloaryl)acrylamides. <i>Organometallics</i> , 2017, 36, 4465-4476.	1.1	44
200	Palladium-Catalyzed, Norbornene-Mediated, <i>ortho</i> -Amination <i>ipso</i> -Amidation: Sequential C-N Bond Formation. <i>Organic Letters</i> , 2018, 20, 345-348.	2.4	44
201	Enantioselective Cobalt-Catalyzed Intermolecular Hydroacylation of 1,6-Enynes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16409-16413.	7.2	44
202	Amphoteric Character of 2-Vinyloxiranes: Synthetic Equivalents of $\alpha,\beta$ -Unsaturated Aldehydes and a Vinylogous Enolate. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4079-4082.	7.2	43
203	Recent Advances in Catalytic Asymmetric Desymmetrization Reactions. , 0, , 275-311.		43
204	Rh(I)-Catalyzed Carbonylative Ring Opening of Diazabicycles with Acyl Anion Equivalents. <i>Organic Letters</i> , 2007, 9, 5365-5367.	2.4	43
205	Rh(I)-Catalyzed Ring-Opening of Hetaryne-Furan Diels-Alder Adducts: Rapid Access to Stereochemically Defined Heterocyclic Scaffolds. <i>Organic Letters</i> , 2011, 13, 1370-1373.	2.4	43
206	Exploiting Distal Reactivity of Coumarins: A Rhodium-Catalyzed Vinylogous Asymmetric Ring-Opening Reaction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4600-4604.	7.2	43
207	Asymmetric Synthesis of Boryl-Functionalized Cyclobutanols. <i>ACS Catalysis</i> , 2019, 9, 9253-9258.	5.5	43
208	Construction of Vicinal Quaternary Centers via Iridium-Catalyzed Asymmetric Allenylic Alkylation of Racemic Tertiary Alcohols. <i>Journal of the American Chemical Society</i> , 2021, 143, 3323-3329.	6.6	43
209	Expanding the Scope of the Gold(I)-Catalyzed Rautenstrauch Rearrangement: Protic Additives. <i>Organic Letters</i> , 2016, 18, 5058-5061.	2.4	42
210	Enantio- and diastereoselective conjugate borylation/Mannich cyclization. <i>Chemical Science</i> , 2020, 11, 5716-5723.	3.7	41
211	Rhodium-Catalyzed Heck-Type Coupling of Boronic Acids with Activated Alkenes in an Aqueous Emulsion. <i>Synthesis</i> , 2004, 2004, 2006-2014.	1.2	40
212	Identification and Structure-Activity Relationship of HDAC6 Zinc-Finger Ubiquitin Binding Domain Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4517-4527.	2.9	40
213	Sequential Pd <sup>0</sup> - and Pd <sup>II</sup> -Catalyzed Cyclizations: Enantioselective Heck and Nucleopalladation Reactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20231-20236.	7.2	40
214	Formation of Homoallyl Stannanes via Palladium-Catalyzed Stannylative Cyclization of Enynes. <i>Organic Letters</i> , 2000, 2, 671-673.	2.4	39
215	Synthesis of Cyclohexenols and Cycloheptenols via the Regioselective Reductive Ring Opening of Oxabicyclic Compounds. <i>Journal of the American Chemical Society</i> , 1997, 119, 6478-6487.	6.6	38
216	Direct Vinylogous Mannich-Type Reactions via Ring Opening and Rearrangement of Vinyloxiranes. <i>Organic Letters</i> , 2004, 6, 345-347.	2.4	38

#	ARTICLE	IF	CITATIONS
217	Diastereoselective Benzylic Arylation of Tetralins. <i>Chemistry - A European Journal</i> , 2010, 16, 50-54.	1.7	38
218	Sulfur-silicon bond activation catalysed by Cl/Br ions: waste-free synthesis of unsymmetrical thioethers by replacing fluoride catalysis and fluorinated substrates in S <sub>N</sub> Ar reactions. <i>Green Chemistry</i> , 2014, 16, 3444.	4.6	38
219	Recent Strategies for Carbon-Halogen Bond Formation Using Nickel. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16750-16762.	7.2	38
220	Reductive Ring-Opening of Oxabicyclic Compounds with Diisobutylaluminum Hydride. Application to the Synthesis of the C17-C23 Subunit of Ionomycin. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 281-283.	4.4	37
221	Base-Induced Ring Opening of Aza- and Thioxo[3.2.1] and -[3.3.1]bicycles as an Enantioselective Approach to Azepines, Thiepinines, and Thiocines. <i>Journal of Organic Chemistry</i> , 1997, 62, 7080-7081.	1.7	37
222	Diastereoselective Intramolecular Friedel-Crafts Alkylation of Tetralins. <i>Organic Letters</i> , 2011, 13, 3000-3003.	2.4	37
223	Application of the Palladium-Catalysed Norbornene-Assisted Catellani Reaction Towards the Total Synthesis of (+)-Linoxepin and Isolinoxepin. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4053-4069.	1.2	37
224	Palladium-Catalyzed Spirocyclization through C-H Activation and Regioselective Alkyne Insertion. <i>Angewandte Chemie</i> , 2017, 129, 11060-11063.	1.6	37
225	Intramolecular Copper(I)-Catalyzed Interrupted Click-Acylation Domino Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13438-13442.	7.2	37
226	Recent Advances in Transition-Metal-Catalyzed (4+3)-Cycloadditions. <i>Synthesis</i> , 2020, 52, 2427-2449.	1.2	36
227	Remote Electronic Effects in the Rhodium-Catalyzed Nucleophilic Ring Opening of Oxabenzonorbornadienes. <i>Journal of Organic Chemistry</i> , 2002, 67, 8043-8053.	1.7	35
228	Introduction of Hindered Electrophiles via C-H Functionalization in a Palladium-Catalyzed Multicomponent Domino Reaction. <i>Synthesis</i> , 2015, 47, 2446-2456.	1.2	35
229	Heterogeneous Palladium-Catalyzed Regioselective Hydrostannation of Alkenes. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1329-1330.	4.4	34
230	Synthesis of $\hat{\alpha},\hat{\beta}$ -Unsaturated Lactams via a Magnesium Iodide Promoted Ring Expansion of Secondary Methylenecyclopropyl Amides. <i>Organic Letters</i> , 2006, 8, 5521-5524.	2.4	33
231	Enantioselective synthesis of chiral 1,2-diamines by the catalytic ring opening of azabenzonorbornadienes: application in the preparation of new chiral ligands. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 416-427.	1.8	33
232	Application of a Rhodium-Catalyzed Addition/Cyclization Sequence toward the Synthesis of Polycyclic Heteroaromatics. <i>Journal of Organic Chemistry</i> , 2009, 74, 1809-1811.	1.7	33
233	Diastereoselective Pd-Catalyzed Domino Heck/Arylborylation Sequence Forming Borylated Chromans. <i>Synthesis</i> , 2016, 48, 1483-1490.	1.2	33
234	Small Molecule Antagonists of the Interaction between the Histone Deacetylase 6 Zinc-Finger Domain and Ubiquitin. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9090-9096.	2.9	32

#	ARTICLE	IF	CITATIONS
235	Palladium-catalyzed sequential alkylation/alkenylation reactions: application towards the synthesis of polyfunctionalized fused aromatic rings. <i>Tetrahedron</i> , 2005, 61, 6283-6297.	1.0	31
236	A Rapid Approach to the Synthesis of Highly Functionalized Tetrahydroisoquinolines. <i>Journal of Organic Chemistry</i> , 2009, 74, 1791-1793.	1.7	31
237	Palladium(II)-Catalyzed Enantioselective Synthesis of $\beta$ -(Trifluoromethyl)arylmethylamines. <i>Organic Letters</i> , 2013, 15, 4043-4045.	2.4	31
238	Synthetic and Mechanistic Studies on the Rhodium-Catalyzed Redox Isomerization of Cyclohexa-2,5-dienols. <i>ACS Catalysis</i> , 2016, 6, 747-750.	5.5	31
239	Domino C-H functionalization reactions of gem-dibromoolefins: synthesis of $\beta$ -fused benzo[c]carbazoles. <i>Tetrahedron</i> , 2013, 69, 4395-4402.	1.0	30
240	Nickel-Catalyzed Intramolecular Arylcyanation for the Synthesis of 3,3-Disubstituted Oxindoles. <i>Organic Letters</i> , 2018, 20, 4323-4327.	2.4	30
241	Enantioselective Copper-Catalyzed Borylative Cyclization with Cyclic Imides. <i>Organic Letters</i> , 2019, 21, 8373-8377.	2.4	30
242	Studies in the asymmetric ring opening of an oxabicyclic compound. Catalytic asymmetric induction using ( $\beta$ )-sparteine. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1193-1194.	2.0	29
243	A Regioselective Palladium-Catalyzed Reduction of 3,3-Heterobimetalated Allylic Acetates: Synthesis and Reactivity of Allylic Bimetallic Compounds. <i>Angewandte Chemie International Edition in English</i> , 1995, 33, 2448-2450.	4.4	29
244	Synthesis of 2-Oxazolones and $\beta$ -Aminoketones via Palladium-Catalyzed Reaction of $\beta,\beta$ -Dibromoenamides. <i>Organic Letters</i> , 2011, 13, 106-109.	2.4	29
245	Rhodium-Catalyzed Asymmetric Cycloisomerization and Parallel Kinetic Resolution of Racemic Oxabicycles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10074-10078.	7.2	29
246	Discovery of $\mu$ -opioid selective ligands derived from 1-aminotetralin scaffolds made via metal-catalyzed ring-opening reactions. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 1228-1232.	1.0	28
247	Bifunctional Reactivity of CuI: Sequential Ring Opening/N-Arylation. <i>Organic Letters</i> , 2009, 11, 181-183.	2.4	28
248	Benzylic Functionalization of Anthrones via the Asymmetric Ring Opening of Oxabicycles Utilizing a Fourth-Generation Rhodium Catalytic System. <i>Chemistry - A European Journal</i> , 2015, 21, 13883-13887.	1.7	28
249	Stereoselective Construction of $\beta$ -Lactams via Copper-Catalyzed Borylacylation. <i>Organic Letters</i> , 2020, 22, 7915-7919.	2.4	28
250	Synthesis of Carbocyclic Compounds via a Nickel-Catalyzed Carboiodination Reaction. <i>ACS Catalysis</i> , 2021, 11, 925-931.	5.5	28
251	Convenient Access to Functionalized Vinylcyclopentenols from Alkynyloxiranes. <i>Journal of Organic Chemistry</i> , 2007, 72, 1822-1825.	1.7	27
252	Conformational Effects in Diastereoselective Aryne Diels-Alder Reactions: Synthesis of Benzo-Fused [2.2.1] Heterobicycles. <i>Organic Letters</i> , 2009, 11, 4688-4691.	2.4	26

#	ARTICLE	IF	CITATIONS
253	New Strategy for the Stereocontrolled Construction of Decalins and Fused Polycycles via a Tandem Diels-Alder Ring-Opening Sequence. <i>Journal of Organic Chemistry</i> , 1996, 61, 7994-7995.	1.7	25
254	Diastereoselective Nickel-Catalyzed Carboiodination Generating Six-Membered Nitrogen-Based Heterocycles. <i>Organic Letters</i> , 2019, 21, 7163-7168.	2.4	25
255	Synthesis of Enantioenriched 5,6-Dihydrophenanthridine Derivatives through retro-Carbopalladation of Chiral $\alpha$ -Bromobenzylamines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3116-3120.	7.2	24
256	Palladium-Catalyzed Synthesis of 2-Cyanoindoles from 2-gem-Dihalovinylanilines. <i>Organic Letters</i> , 2017, 19, 5058-5061.	2.4	24
257	Enantioselective Intramolecular Copper-Catalyzed Borylacylation. <i>Angewandte Chemie</i> , 2018, 130, 14123-14126.	1.6	23
258	Palladium-Catalyzed Domino Heck/Sulfination: Synthesis of Sulfonylated Hetero- and Carbocyclic Scaffolds Using DABCO-Bis(sulfur dioxide). <i>Organic Letters</i> , 2021, 23, 2797-2801.	2.4	23
259	Nickel-Catalyzed Reductive Cross-Coupling of Heteroaryl Chlorides and Aryl Chlorides. <i>ACS Catalysis</i> , 2021, 11, 12785-12793.	5.5	23
260	Exploring the Reactivity of Dioxacyclic Compounds as a Route to Polysubstituted Decalins and Fused Polycycles. <i>Journal of Organic Chemistry</i> , 1998, 63, 647-656.	1.7	21
261	Preparation of Homoallylic Homopropargylic Alcohols from 2-Vinyloxiranes. <i>Organic Letters</i> , 2005, 7, 3557-3560.	2.4	21
262	Employing Pd-Catalyzed C-H Arylation in Multicomponent-Multicatalyst Reactions (MC) <sup>2</sup> : One-Pot Synthesis of Dihydrobenzoquinolines. <i>ACS Catalysis</i> , 2017, 7, 1378-1382.	5.5	21
263	Recent Advances Towards Syntheses of Diterpenoid Alkaloids. <i>Synthesis</i> , 2019, 51, 3915-3946.	1.2	21
264	Rhodium(I)/Zn(OTf) <sub>2</sub> -Catalyzed Asymmetric Ring Opening/Cyclopropanation of Oxabenzonorbornadienes with Phosphorus Ylides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15819-15823.	7.2	21
265	Synthesis of Indenes and Benzofulvenes via a Palladium-Catalyzed Three-Component Reaction. <i>ACS Catalysis</i> , 2022, 12, 3291-3301.	5.5	21
266	Rhodium-Catalyzed Enantioselective Reductive Arylation: Convenient Access to 3,3-Disubstituted Oxindoles. <i>Angewandte Chemie</i> , 2017, 129, 12089-12092.	1.6	20
267	Rhodium-Catalyzed Asymmetric Conjugate Alkynylation/Aldol Cyclization Cascade for the Formation of $\beta$ -Propargyl- $\gamma$ -hydroxyketones. <i>Organic Letters</i> , 2018, 20, 1380-1383.	2.4	20
268	Rhodium-Catalyzed Enantioselective Defluorinative $\beta$ -Arylation of Secondary Amides. <i>Angewandte Chemie</i> , 2018, 130, 16379-16383.	1.6	20
269	Tandem Remote Csp <sup>3</sup> -C-H Activation/Csp <sup>3</sup> -Csp <sup>3</sup> Cleavage in Unstrained Aliphatic Chains Assisted by Palladium(II). <i>Organometallics</i> , 2019, 38, 973-980.	1.1	20
270	Synthesis of Aminated Phenanthridinones via Palladium/Norbornene Catalysis. <i>Organic Letters</i> , 2020, 22, 7920-7925.	2.4	20



#	ARTICLE	IF	CITATIONS
271	Rhodium-Catalyzed Intermolecular Cyclopropanation of Benzofurans, Indoles, and Alkenes via Cyclopropene Ring Opening. <i>Organic Letters</i> , 2020, 22, 4838-4843.	2.4	20
272	Cycloisomerization of Carbamoyl Chlorides in Hexafluoroisopropanol: Stereoselective Synthesis of Chlorinated Methylene Oxindoles and Quinolinones. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18478-18483.	7.2	20
273	Reversible C=C bond formation using palladium catalysis. <i>Nature Chemistry</i> , 2022, 14, 398-406.	6.6	20
274	Diastereoselective Palladium-Catalyzed Formate Reduction of Allylic Carbonates as a New Entry into Propionate Units. <i>Organic Letters</i> , 2003, 5, 3391-3394.	2.4	19
275	Modular Synthesis of Naphthothiophenes by Pd-Catalyzed Tandem Direct Arylation/Suzuki Coupling. <i>Organic Letters</i> , 2011, 13, 4236-4239.	2.4	19
276	Palladium-Catalyzed $\beta$ -Arylation of Vinylogous Esters for the Synthesis of $\beta,\beta$ -Disubstituted Cyclohexenones. <i>Organic Letters</i> , 2016, 18, 6488-6491.	2.4	19
277	Forming Benzylic Iodides via a Nickel Catalyzed Diastereoselective Dearomative Carboiodination Reaction of Indoles. <i>Angewandte Chemie</i> , 2019, 131, 5149-5153.	1.6	19
278	Iridium-Catalyzed Enantioconvergent Synthesis of Diversely Protected Allenylic Amines Employing Ammonia Surrogates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16404-16408.	7.2	19
279	Accessing Unsymmetrically Linked Heterocycles through Stereoselective Palladium-Catalyzed Domino Cyclization. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	18
280	Synthesis of Highly Functionalized Diquinanes by the Regio- and Stereoselective Cleavage of Homo-Diels-Alder Cycloadducts. <i>Journal of the American Chemical Society</i> , 1997, 119, 623-624.	6.6	17
281	Undergraduate Oral Examinations in a University Organic Chemistry Curriculum. <i>Journal of Chemical Education</i> , 2012, 89, 1506-1510.	1.1	17
282	Palladium(II)-Catalyzed Enantioselective Synthesis of $\beta$ -(Trifluoromethyl)arylmethylamines. <i>Journal of Organic Chemistry</i> , 2016, 81, 4923-4930.	1.7	17
283	Aminomethylation of Oxabenzonorbornadienes via the Merger of Photoredox and Nickel Catalysis. <i>Organic Letters</i> , 2020, 22, 2442-2447.	2.4	17
284	History and Perspective of Chiral Organic Catalysts. , 0, , 313-358.		16
285	Metal-Ligand Binding Affinity vs Reactivity: Qualitative Studies in Rh(I)-Catalyzed Asymmetric Ring-Opening Reactions. <i>Organic Letters</i> , 2013, 15, 2652-2655.	2.4	16
286	Rhodium-Catalyzed Enantioselective Isomerization of <i>meso</i> -Oxabenzonorbornadienes to 1,2-Naphthalene Oxides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6307-6311.	7.2	16
287	Enantio- and Diastereodivergent Sequential Catalysis Featuring Two Transition-Metal-Catalyzed Asymmetric Reactions. <i>Angewandte Chemie</i> , 2021, 133, 17069-17073.	1.6	16
288	Metal-Ligand Binding Interactions in Rhodium/Palladium-Catalyzed Synthesis of Dihydroquinolines. <i>Journal of Organic Chemistry</i> , 2014, 79, 12159-12176.	1.7	15

#	ARTICLE	IF	CITATIONS
289	Transition-Metal-Free [4+3]-Cycloaddition of ortho-Quinone Methides and Isoindol-1-ones: Catalytic and Diastereoselective Assembly of Oxa-bridged Oxazocine Scaffolds. <i>Angewandte Chemie</i> , 2018, 130, 16417-16421.	1.6	15
290	Palladium-Catalyzed Hydride Addition/C-H Bond Activation Cascade: Cycloisomerization of 1,6-Diynes. <i>Organic Letters</i> , 2018, 20, 6915-6919.	2.4	15
291	A Simplified Protocol for the Stereospecific Nickel-Catalyzed C-S Vinylation Using NiX <sub>2</sub> Salts and Alkyl Phosphites. <i>Synthesis</i> , 2020, 52, 311-319.	1.2	15
292	Practical and scalable preparation of 2-methyleneglutaronitrile via an efficient and highly selective head-to-tail dimerization of acrylonitrile catalysed by low-loading of tricyclohexylphosphine. <i>RSC Advances</i> , 2014, 4, 19122.	1.7	14
293	Use of a sterically demanding Lewis acid to direct ring expansion of monoactivated methylenecyclopropanes. <i>Tetrahedron</i> , 2007, 63, 8469-8477.	1.0	13
294	Rhodium-Catalyzed Vinylcyclopropanation/Cyclopentenation of Strained Alkenes via a Sequential Carboration Process. <i>Journal of Organic Chemistry</i> , 2009, 74, 2521-2526.	1.7	13
295	Synthesis of Pyridobenzazepines Using a One-Pot Rh/Pd-Catalyzed Process. <i>Journal of Organic Chemistry</i> , 2017, 82, 6089-6099.	1.7	13
296	Horner-Wadsworth-Emmons Modification for Ramirez gem-Dibromoolefination of Aldehydes and Ketones Using P(Oi-Pr) <sub>3</sub> . <i>Synlett</i> , 2008, 2008, 413-417.	1.0	12
297	Synthesis of Heterocycles via Metal-Catalyzed Domino/One-Pot Reactions That Generate a C=N or C=O Bond. <i>Topics in Heterocyclic Chemistry</i> , 2013, , 187-223.	0.2	12
298	Computational and <sup>13</sup> C Investigations of the Diazadienes and Oxazadienes Formed via the Rearrangement of Methylenecyclopropyl Hydrazones and Oximes. <i>Organic Letters</i> , 2014, 16, 3930-3933.	2.4	12
299	Exploiting Distal Reactivity of Coumarins: A Rhodium-Catalyzed Vinylogous Asymmetric Ring-Opening Reaction. <i>Angewandte Chemie</i> , 2016, 128, 4676-4680.	1.6	12
300	Synthesis and Reactions of 3,3-Difluoro-2-exo-methylidene Indolines. <i>Organic Letters</i> , 2020, 22, 3688-3691.	2.4	12
301	A Modular Approach for the Palladium-Catalyzed Synthesis of Bis-heterocyclic Spirocycles. <i>Organic Letters</i> , 2022, 24, 95-99.	2.4	12
302	Discovery and structure activity relationship of the first potent cryptosporidium FIKK kinase inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1672-1680.	1.4	11
303	One-Pot, Three-Step Synthesis of Benzoxazinones via Use of the Bpin Group as a Masked Nucleophile. <i>Organic Letters</i> , 2021, 23, 2720-2725.	2.4	10
304	Regioselektive Palladium-katalysierte Hydrostannylierung von unsymmetrischen Oxabicycloalkenen. <i>Angewandte Chemie</i> , 1996, 108, 472-475.	1.6	9
305	Ligand Design for Catalytic Asymmetric Reduction. , 0, , 1-32.		9
306	Synthesis of Homoallylic Alcohols via Lewis Acid Assisted Enantioselective Desymmetrization. <i>Synthesis</i> , 2009, 2009, 853-859.	1.2	9

#	ARTICLE	IF	CITATIONS
307	A Palladium-Catalyzed Domino Reaction as Key Step for the Synthesis of Functionalized Aromatic Amino Acids. <i>Synlett</i> , 2013, 24, 2730-2734.	1.0	9
308	Rhodium-Catalyzed Asymmetric Cycloisomerization and Parallel Kinetic Resolution of Racemic Oxabicycles. <i>Angewandte Chemie</i> , 2016, 128, 10228-10232.	1.6	9
309	Intramolecular Copper(I)-Catalyzed Interrupted Click-Acylation Domino Reaction. <i>Angewandte Chemie</i> , 2019, 131, 13572-13576.	1.6	9
310	Rhodium-Catalyzed Enantioselective Synthesis of Oxazinones via an Asymmetric Ring Opening-Lactonization Cascade of Oxabicyclic Alkenes. <i>Organic Letters</i> , 2019, 21, 7549-7553.	2.4	9
311	Rhodium-Catalyzed Tandem Isomerization-Allylation: From Diallyl Carbonates to $\hat{\pm}$ -Quaternary Aldehydes. <i>ACS Catalysis</i> , 2019, 9, 11808-11812.	5.5	9
312	Enantioselective Synthesis of Spirooxiranes: An Asymmetric Addition/Aldol/Spirocyclization Domino Cascade. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21189-21194.	7.2	9
313	Dearomative Cyclopropanation of Naphthols via Cyclopropene Ring-Opening. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
314	Recent Advances in Transition-Metal-Free (4+3)-Annulations. <i>Synthesis</i> , 2021, 53, 4134-4177.	1.2	8
315	Palladium-Catalyzed Alkylation-Alkenylation Reactions: Rapid Access to Tricyclic Mescaline Analogues. <i>Synlett</i> , 2006, 2006, 2969-2972.	1.0	7
316	Ligand Design for C-C Bond Formation. , 0, , 59-100.		7
317	Sequential Pd(0) and Pd(II)-Catalyzed Cyclizations: Enantioselective Heck and Nucleopalladation Reactions. <i>Angewandte Chemie</i> , 2021, 133, 20393-20398.	1.6	7
318	Chiral Bifunctional Acid/Base Catalysts. , 0, , 383-410.		6
319	The Use of Bromotrichloromethane in Chlorination Reactions. <i>Synthesis</i> , 2011, 2011, 342-346.	1.2	6
320	Stereoselective Nickel-Catalyzed [2+2+2] Cycloaddition of Enynes and Arynes. <i>Synlett</i> , 2011, 2011, 1987-1992.	1.0	6
321	Use of (Z)- $\hat{1}^2$ -(2-Fluorobenzenesulfonyl)vinylamines as Novel Synthons in the Synthesis of 1,4-Benzothiazine Derivatives. <i>Synthesis</i> , 2012, 44, 1359-1364.	1.2	6
322	Orthogonally Reacting Boron Coupling Reagents: A Novel Multicomponent-Multicatalytic Reaction [(MC) $\hat{2}R$ ] of Dichlorovinylpyrazine. <i>Synthesis</i> , 2016, 48, 3155-3164.	1.2	6
323	Enantioselective Cobalt-Catalyzed Intermolecular Hydroacylation of 1,6-Enynes. <i>Angewandte Chemie</i> , 2020, 132, 16551-16555.	1.6	6
324	A Primary Acyl Phosphine Stabilized by a Phosphonium Ylide. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18547-18551.	7.2	6

#	ARTICLE	IF	CITATIONS
325	Synthesis of 1-Amino-2,2,2-trifluoroalkylphosphonates from Alkene-Tethered Trifluoroacetimidoyl Chlorides. <i>Organic Letters</i> , 2021, 23, 7540-7544.	2.4	6
326	Iron-Catalyzed Reductive Cyclization by Hydromagnesiation: A Modular Strategy Towards N-Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22345-22351.	7.2	6
327	Synthesis and characterization of the ring-opened copolymers of deltacyclene, 5-siloxydeltacyclene, and norbornene. <i>Journal of Polymer Science Part A</i> , 1993, 31, 569-574.	2.5	5
328	Heterogenkatalysierte, regioselektive Hydrostannylierung von Alkenen. <i>Angewandte Chemie</i> , 1996, 108, 1428-1429.	1.6	5
329	Asymmetric Activation and Deactivation of Racemic Catalysts. , 0, , 221-257.		5
330	Enzymatic Resolution of Chlorohydrins for the Synthesis of Enantiomerically Enriched 2-Vinyloxiranes. <i>Synlett</i> , 2008, 2008, 289-293.	1.0	5
331	A Convenient Synthesis of Indolo- and Pyrrolobenzazepines via a Threefold Norbornene-Mediated Domino Reaction. <i>Synlett</i> , 2009, 2009, 1004-1008.	1.0	5
332	Rhodium(I)/Zn(OTf) <sub>2</sub> -Catalyzed Asymmetric Ring Opening/Cyclopropanation of Oxabenzonorbornadienes with Phosphorus Ylides. <i>Angewandte Chemie</i> , 2019, 131, 15966-15970.	1.6	5
333	Ir-Catalyzed Enantioconvergent Synthesis of Diversely Protected Allenylic Amines Employing Ammonia Surrogates. <i>Angewandte Chemie</i> , 2020, 132, 16546.	1.6	5
334	Recent Strategies for Carbon-Halogen Bond Formation Using Nickel. <i>Angewandte Chemie</i> , 2021, 133, 16888-16900.	1.6	5
335	Dual Ni/Organophotoredox Catalyzed Allylative Ring Opening Reaction of Oxabenzonorbornadienes and Analogs. <i>ACS Catalysis</i> , 2022, 12, 3681-3688.	5.5	5
336	Ligand Design for Oxidation. , 0, , 33-58.		4
337	Secondary Alkyl Groups in Palladium-Catalyzed Cross-Coupling Reactions. <i>Synthesis</i> , 2016, 49, 1-16.	1.2	4
338	Rhodium-Catalyzed Enantioselective Isomerization of <i>meso</i> -Oxabenzonorbornadienes to 1,2-Naphthalene Oxides. <i>Angewandte Chemie</i> , 2017, 129, 6404-6408.	1.6	4
339	Cycloisomerization of Carbamoyl Chlorides in Hexafluoroisopropanol: Stereoselective Synthesis of Chlorinated Methylene Oxindoles and Quinolinones. <i>Angewandte Chemie</i> , 2021, 133, 18626-18631.	1.6	4
340	Palladium-Catalyzed Three-Component Dearomatization/Sulfonylation Cascade. <i>Organic Letters</i> , 2022, 24, 3823-3827.	2.4	4
341	The crystal structure and absolute configuration of exo-0130 0138 V 2 27, 471-474.	0.5	3
342	Chiral Brønsted/Lewis Acid Catalysts. , 0, , 359-381.		3

#	ARTICLE	IF	CITATIONS
343	Synthesis of Enantioenriched 5,6-Dihydrophenanthridine Derivatives through retro-Carbopalladation of Chiral $\beta$ -Bromobenzylamines. <i>Angewandte Chemie</i> , 2015, 127, 3159-3163.	1.6	3
344	Enantioselective Synthesis of Spirooxiranes: An Asymmetric Addition/Aldol/Spirocyclization Domino Cascade. <i>Angewandte Chemie</i> , 2021, 133, 21359-21364.	1.6	3
345	Activation of Small Molecules ( $\text{C}\equiv\text{N}$ , $\text{HCN}$ , $\text{RN}\equiv\text{C}$ , and $\text{CO}_2$ ). , 0, , 101-127.		2
346	Nonlinear Effects in Asymmetric Catalysis. , 0, , 207-219.		2
347	Asymmetric Autocatalysis with Amplification of Chirality and Origin of Chiral Homogeneity of Biomolecules. , 0, , 259-274.		2
348	Enantioselective Allylation and Crotylation of in situ Generated $\alpha,\beta$ -Unsaturated Aldehydes. <i>Synlett</i> , 2011, 2011, 2857-2861.	1.0	2
349	Dearomative Cyclopropanation of Naphthols via Cyclopropene Ring-Opening. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
350	Rhodium-Catalyzed Ring-Opening Reactions of N-Boc-azabenzonorbornadiene with Chiral Amine Nucleophiles Derived from Amino Acids. <i>Synthesis</i> , 2008, 2008, 2467-2475.	1.2	1
351	A Primary Acyl Phosphine Stabilized by a Phosphonium Ylide. <i>Angewandte Chemie</i> , 2021, 133, 18695-18699.	1.6	1
352	Iron-Catalyzed Reductive Cyclization by Hydromagnesiation: A Modular Strategy Towards N-Heterocycles. <i>Angewandte Chemie</i> , 2021, 133, 22519-22525.	1.6	1
353	Cross-Coupling Reactions. , 2005, , 127-153.		0
354	Recent Progress in the Metathesis Reaction. , 0, , 153-206.		0
355	Asymmetric Synthesis Based on Catalytic Activation of $\text{C}\equiv\text{H}$ Bonds and $\text{C}\equiv\text{C}$ Bonds. , 0, , 129-152.		0
356	Synthesis of Unsymmetrical Polysubstituted Pyridines from $\alpha$ -Sulfonylvinylamines via 1-Aza-Allyl Anion Intermediates. <i>Synthesis</i> , 2011, 2011, 3908-3914.	1.2	0
357	Apertured impedance microchips: Surface modification and evaluation using high performance liquid chromatography. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 852-861.	4.0	0
358	Guest Editorial: Celebrating Canadian Chemistry. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5948-5949.	7.2	0
359	Accessing Unsymmetrically Linked Heterocycles through Stereoselective Palladium-Catalyzed Domino-Cyclization. <i>Angewandte Chemie</i> , 0, , .	1.6	0