

Transition-Metal-Catalyzed Diamination of Olefins

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Oxidative Interception of the Hydroamination Pathway: A Gold-Catalyzed Diamination of Alkenes. <i>Chemistry - A European Journal</i> , 2009, 15, 10563-10569.	1.7	155
4	Catalytic C-H amination: recent progress and future directions. <i>Chemical Communications</i> , 2009, , 5061.	2.2	732
5	Cu(I)-Catalyzed Diamination of Disubstituted Terminal Olefins: An Approach to Potent NK ₁ Antagonist. <i>Organic Letters</i> , 2009, 11, 2365-2368.	2.4	58
6	Cu(I)-Catalyzed Diamination of Conjugated Olefins with Tunable Anionic Counterions. A Possible Approach to Asymmetric Diamination. <i>Journal of Organic Chemistry</i> , 2009, 74, 8392-8395.	1.7	101
7	Mechanism of <i>N</i> -Fluorobenzenesulfonimide Promoted Diamination and Carboamination Reactions: Divergent Reactivity of a Pd(IV) Species. <i>Journal of the American Chemical Society</i> , 2009, 131, 15945-15951.	6.6	298
8	Asymmetric Synthesis of Diamine Derivatives via Sequential Palladium and Rhodium Catalysis. <i>Journal of the American Chemical Society</i> , 2009, 131, 4190-4191.	6.6	99
9	Gold(I)-Catalyzed Intramolecular Dihydroamination of Allenes with <i>N,N</i> -Disubstituted Ureas To Form Bicyclic Imidazolidin-2-ones. <i>Organic Letters</i> , 2009, 11, 2671-2674.	2.4	111
10	Intramolecular diamination and alkoxyamination of alkenes with <i>N</i> -sulfonyl ureas employing <i>N</i> -iodosuccinimide. <i>Tetrahedron</i> , 2010, 66, 4827-4831.	1.0	63
11	One Step Synthesis of Chiral Olefins <i>via</i> Asymmetric Diamination and their Applications as Ligands for Rhodium(I)-Catalyzed 1,4-Additions. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 651-655.	2.1	43
12	Asymmetric Organocatalytic Tandem Reaction to Chiral Pyrimidinone Derivatives using Urea as Dinitrogen Source. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1904-1908.	2.1	27
13	Modular Synthesis of 1,2-Diamine Derivatives by Palladium-Catalyzed Aerobic Oxidative Cyclization of Allylic Sulfamides. <i>Angewandte Chemie</i> , 2010, 122, 5661-5664.	1.6	37
16	Modular Synthesis of 1,2-Diamine Derivatives by Palladium-Catalyzed Aerobic Oxidative Cyclization of Allylic Sulfamides. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5529-5532.	7.2	100
17	Copper-Promoted and Copper-Catalyzed Intermolecular Alkene Diamination. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6365-6368.	7.2	201
18	An Intermolecular Palladium-Catalyzed Diamination of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8109-8111.	7.2	152
19	Organocatalyzed regio- and stereoselective diamination of functionalized alkenes. <i>Tetrahedron</i> , 2010, 66, 4555-4559.	1.0	15
20	An effective C=C double bond formation via Cu(I)-catalyzed dehydrogenation. <i>Tetrahedron Letters</i> , 2010, 51, 1822-1825.	0.7	29
21	Synthetic methods : Part (ii) Oxidation and reduction methods. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2010, 106, 34.	0.8	5
22	Cu(I)-Catalyzed Regioselective Diamination of Conjugated Dienes via Dual Mechanistic Pathways. <i>Journal of the American Chemical Society</i> , 2010, 132, 11009-11011.	6.6	134

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23	Synthetic and Mechanistic Studies on Pd(0)-Catalyzed Diamination of Conjugated Dienes. <i>Journal of the American Chemical Society</i> , 2010, 132, 3523-3532.	6.6	131
24	Vicinal-Diamine-Based Chiral Chain Dienes as Ligands for Rhodium(I)-Catalyzed Highly Enantioselective Conjugated Additions. <i>Organic Letters</i> , 2010, 12, 5482-5485.	2.4	57
25	Copper-catalyzed aminobromination/elimination process: an efficient access to β,β' -unsaturated vicinal haloamino ketones and esters. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4236.	1.5	14
26	An anti-tetraamination of a 1,3-diene unit via cascade annulations of the azulene scaffold with dicarbonyl azo-compounds. <i>Chemical Communications</i> , 2010, 46, 3304.	2.2	9
27	Gold-Catalyzed Carbon-Heteroatom Bond-Forming Reactions. <i>Chemical Reviews</i> , 2011, 111, 1657-1712.	23.0	1,222
28	Synthesis and Reactivity of Unique Heterocyclic Structures en Route to Substituted Diamines. <i>Organic Letters</i> , 2011, 13, 3336-3339.	2.4	22
29	Complementary Regioselectivity in the Cu(I)-Catalyzed Diamination of Conjugated Dienes To Form Cyclic Sulfamides. <i>Organic Letters</i> , 2011, 13, 434-437.	2.4	55
30	Radicals in Transition Metal Catalyzed Reactions? Transition Metal Catalyzed Radical Reactions?: A Fruitful Interplay Anyway. <i>Topics in Current Chemistry</i> , 2011, 320, 323-451.	4.0	79
31	Cu(I)-Catalyzed Diamination of Conjugated Dienes. Complementary Regioselectivity from Two Distinct Mechanistic Pathways Involving Cu(II) and Cu(III) Species. <i>Journal of the American Chemical Society</i> , 2011, 133, 20890-20900.	6.6	110
32	Transition-metal-catalyzed aminations and aziridinations of C-H and C-C bonds with iminoiodinanes. <i>Chemical Record</i> , 2011, 11, 331-357.	2.9	193
33	Intermolecular Regioselective 1,2-Diamination of Allylic Ethers. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 689-694.	2.1	75
35	Enantioselective Metal-Free Diamination of Styrenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9478-9482.	7.2	266
36	Evolution of copper(II) as a new alkene amination promoter and catalyst. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 150-158.	0.8	74
37	Copper-catalyzed chalcogenoamination of 2-alkynylanilines with dichalcogenides for one-step synthesis of 3-sulphenylindoles and 3-selenylindoles. <i>Tetrahedron Letters</i> , 2011, 52, 1343-1347.	0.7	69
38	Reductive coupling of aromatic N,N-acetals using zinc and chlorotrimethylsilane. <i>Tetrahedron Letters</i> , 2011, 52, 3467-3469.	0.7	11
40	Efficient Synthesis of Chiral 2,2'-Bipyrrrolidines by an <i>anti</i> -Selective Alkene Diamination. <i>Organic Letters</i> , 2012, 14, 5944-5947.	2.4	25
41	1,4-Diamination of Cyclic Dienes via a (4 + 3) Cycloaddition of Diaza-allyl Cationic Intermediates. <i>Organic Letters</i> , 2012, 14, 5764-5767.	2.4	36
42	5.7 Oxidation: C-N Bond Formation by Oxidation: Dinitrogen Addition to Double Bond (Diamino). , 2012, , 183-197.		1

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43	Synthesis of Differentially Substituted 1,2-Diamines through Advances in C-H Amination Technology. <i>Organic Letters</i> , 2012, 14, 6174-6177.	2.4	22
44	Studies on Alkyl-Nitrogen Bond Formation via Reductive Elimination from Monomeric Palladium Complexes in High Oxidation State. <i>Helvetica Chimica Acta</i> , 2012, 95, 2007-2025.	1.0	21
45	Copper(II)/Iron(III) Co-catalyzed Intermolecular Diamination of Alkynes: Facile Synthesis of Imidazopyridines. <i>Organic Letters</i> , 2012, 14, 4386-4389.	2.4	170
46	Chemo- and enantioselective Rh-catalysed hydrogenation of 3-methylene-1,2-diazetidines: application to vicinal diamine synthesis. <i>Chemical Communications</i> , 2012, 48, 9852.	2.2	12
47	Copper-Catalyzed Aminoxygenation of <i>N</i> -Allylamidines with $\text{PhI}(\text{OAc})_2$. <i>Organic Letters</i> , 2012, 14, 5342-5345.	2.4	71
48	Nucleophilic Ring-Opening of <i>N</i> -Chloro- <i>N</i> -Sodiocarbamate: Facile Preparation of Differentially Protected Vicinal Diamines. <i>Asian Journal of Organic Chemistry</i> , 2012, 1, 226-230.	1.3	12
49	Palladium-Catalyzed Intramolecular Diamination of Acrylic Esters Using Sulfamates as Nitrogen Source. <i>Journal of Organic Chemistry</i> , 2012, 77, 1922-1930.	1.7	54
50	Stereocontrolled Synthesis of Vicinal Diamines by Organocatalytic Asymmetric Mannich Reaction of <i>N</i> -Protected Aminoacetaldehydes: Formal Synthesis of (α)-Agelastatin A. <i>Journal of the American Chemical Society</i> , 2012, 134, 7516-7520.	6.6	128
51	Metal-free diamination of alkenes employing bromide catalysis. <i>Chemical Science</i> , 2012, 3, 2375.	3.7	83
52	Copper-Catalyzed Aerobic [3+2]-Annulation of <i>N</i> -Alkenyl Amidines. <i>Journal of the American Chemical Society</i> , 2012, 134, 3679-3682.	6.6	173
53	Iodine(III)-Promoted Intermolecular Diamination of Alkenes. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1103-1111.	1.7	88
54	Mechanistic Insights into the Role of Chiral Ligands in Asymmetric Diamination Reactions. <i>Chemistry - A European Journal</i> , 2012, 18, 7045-7049.	1.7	20
55	1,4-Diazaspiro[2.2]pentanes as a Flexible Platform for the Synthesis of Diamine-Bearing Stereotriads. <i>Journal of Organic Chemistry</i> , 2012, 77, 2446-2455.	1.7	35
56	Tri- <i>n</i> -butylphosphane catalyzed ring opening of aziridines with secondary amines. <i>Chinese Chemical Letters</i> , 2012, 23, 657-660.	4.8	3
57	Methods for direct alkene diamination, new & old. <i>Tetrahedron</i> , 2012, 68, 4067-4105.	1.0	136
58	NaIO_4 - NaN_3 -mediated diazidation of styrenes, alkenes, benzylic alcohols, and aryl ketones. <i>Tetrahedron Letters</i> , 2012, 53, 4195-4198.	0.7	61
59	Catalytic Selective Oxyamidation of Cyclic Enamides using Nitrenes. <i>Chemistry - A European Journal</i> , 2012, 18, 90-94.	1.7	47
60	An Approach to the Regioselective Diamination of Conjugated Di- and Trienes. <i>Chemistry - A European Journal</i> , 2012, 18, 2212-2216.	1.7	71

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61	Sultam Synthesis via Cu-Catalyzed Intermolecular Carboamination of Alkenes with N-Fluorobenzenesulfonimide. <i>Organic Letters</i> , 2013, 15, 2502-2505.	2.4	93
62	Pd(O)-Catalyzed Sequential C–N Bond Formation via Allylic and Aromatic C–H Amination of β -Methylstyrenes with Diaziridinone. <i>Organic Letters</i> , 2013, 15, 4210-4213.	2.4	39
63	Pd(II)-Catalyzed Intramolecular 1,2-Aminoalkylation of Conjugated 1,3-Dienes for the Synthesis of Pyrrolizidines. <i>Organic Letters</i> , 2013, 15, 4370-4373.	2.4	44
64	Diastereo- and Regioselective Addition of Thioamide Dianions to Imines and Aziridines: Synthesis of α -Thioacyl- β , γ -diamines and α -Thioacyl- β , δ -diamines. <i>Chemistry - A European Journal</i> , 2013, 19, 304-313.	1.7	19
65	Catalytic Asymmetric Synthesis of Cyclic Sulfamides from Conjugated Dienes. <i>Organic Letters</i> , 2013, 15, 796-799.	2.4	55
66	Regioselective and Stereospecific Copper-Catalyzed Aminoboration of Styrenes with Bis(pinacolato)diboron and <i>o</i> -Benzoyl- <i>N</i> , <i>N</i> -dialkylhydroxylamines. <i>Journal of the American Chemical Society</i> , 2013, 135, 4934-4937.	6.6	222
67	Development of Intramolecular Vicinal Diamination of Alkenes: From Palladium to Bromine Catalysis. <i>Journal of Organic Chemistry</i> , 2013, 78, 2168-2174.	1.7	157
68	Oxidative Diamination Promoted by Dinuclear Iodine(III) Reagents. <i>Organic Letters</i> , 2013, 15, 1008-1011.	2.4	83
69	Metal-free catalytic vicinal diamination of alkenes. <i>Pure and Applied Chemistry</i> , 2013, 85, 755-761.	0.9	19
70	Metal-Free Radical Azidoarylation of Alkenes: Rapid Access to Oxindoles by Cascade C–N and C–C Bond-Forming Reactions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7985-7989.	7.2	254
71	Radical-Mediated Diamination of Alkenes with Phenylhydrazine and Azodicarboxylates: Highly Diastereoselective Synthesis of <i>trans</i> - β -Diamines from Cycloalkenes. <i>Chemistry - A European Journal</i> , 2013, 19, 5250-5254.	1.7	56
72	Enantioselective Palladium-Catalyzed Diamination of Alkenes Using <i>N</i> -Fluorobenzenesulfonimide. <i>Journal of the American Chemical Society</i> , 2013, 135, 8854-8856.	6.6	160
75	One-pot stereoselective synthesis of β , γ -differentiated diamino esters via the sequence of aminochlorination, aziridination and intermolecular S _N 2 reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1802-1807.	1.3	3
76	Iron-Catalyzed Allylic C–H Amination of Substituted 1,3-Dienes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2174-2181.	1.2	19
77	Copper-Mediated 1,4-Diamination of 1,3-Butadienes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2017-2021.	1.2	15
78	Synthesis of Oxazolidinones and Imidazolidinones Directly from 1,3-Diols or β -Amino Alcohols using Iodobenzene Dichloride and Sodium Azide. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1113-1118.	2.1	9
79	Synthesis of oxindole-3-acetates through iron-catalyzed oxidative arylalkoxycarbonylation of activated alkenes. <i>Tetrahedron</i> , 2014, 70, 3466-3470.	1.0	27
80	Catalytic Diamination of Olefins via N–N Bond Activation. <i>Accounts of Chemical Research</i> , 2014, 47, 3665-3678.	7.6	260

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81	Oxidative 1,4-Diamination of Dienes Using Simple Urea Derivatives. <i>Organic Letters</i> , 2014, 16, 5112-5115.	2.4	43
82	Enantioselective Diamination with Novel Chiral Hypervalent Iodine Catalysts. <i>Chemistry - A European Journal</i> , 2014, 20, 9910-9913.	1.7	107
83	Cu ^I -Catalyzed Sequential Diamination and Dehydrogenation of Terminal Olefins: A Facile Approach to Imidazolinones. <i>Chemistry - A European Journal</i> , 2014, 20, 13901-13904.	1.7	16
84	Vicinal Diamination of Alkenes under Rh-Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 13506-13509.	6.6	105
85	Alkene Diamination Using Electron-Rich Amines: Hypervalent Iodine-Promoted Inter-/Intramolecular C–N Bond Formation. <i>Organic Letters</i> , 2014, 16, 3804-3807.	2.4	54
86	Rational design of catalysts for asymmetric diamination reaction using transition state modeling. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2745-2753.	1.5	30
87	Copper-catalyzed alkene diamination: synthesis of chiral 2-aminomethyl indolines and pyrrolidines. <i>Chemical Science</i> , 2014, 5, 1786-1793.	3.7	100
88	7.19 Addition Reactions with Formation of CarbonNitrogen Bonds. , 2014, , 538-604.		6
89	Metal-free aminoamidiniumium employing N-iodosuccinimide: facile syntheses of bicyclic imidazolidiniums and cyclic vicinal diamines. <i>Chemical Communications</i> , 2014, 50, 15052-15054.	2.2	22
90	Complete stereodivergence in the synthesis of 2-amino-1,3-diols from allenes. <i>Chemical Science</i> , 2014, 5, 3046-3056.	3.7	27
91	Copper-catalyzed diamination of unactivated alkenes with hydroxylamines. <i>Chemical Science</i> , 2015, 6, 4279-4283.	3.7	90
92	A Highly Stereoselective Metal-Free Hydrogenation of Diimines for the Synthesis of <i>Cis</i> -Vicinal Diamines. <i>Organic Letters</i> , 2015, 17, 3106-3109.	2.4	42
93	Intramolecular aminochalcogenation and diamination of alkenes employing N-iodosuccinimide. <i>Tetrahedron Letters</i> , 2015, 56, 1505-1509.	0.7	13
94	Copper(II)-Catalyzed Enantioselective Intramolecular Cyclization of <i>N</i> -Alkenylureas. <i>Organic Letters</i> , 2015, 17, 1018-1021.	2.4	62
95	PhI(OAc) ₂ -mediated functionalisation of unactivated alkenes for the synthesis of pyrazoline and isoxazoline derivatives. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3457-3461.	1.5	36
96	NIS/PhI(OAc) ₂ -Mediated Diamination/Oxidation of <i>N</i> -Alkenyl Formamidines: Facile Synthesis of Fused Tricyclic Ureas. <i>Chemistry - an Asian Journal</i> , 2015, 10, 544-547.	1.7	12
97	Copper-catalyzed radical cascade cyclization for the synthesis of phosphorylated indolines. <i>Chemical Communications</i> , 2015, 51, 4101-4104.	2.2	79
98	Oxidative Inter-/Intermolecular Alkene Diamination of Hydroxy Styrenes with Electron-Rich Amines. <i>Organic Letters</i> , 2015, 17, 2558-2561.	2.4	43

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99	Palladium-Catalyzed Aerobic Aminooxygenation of Alkenes for Preparation of Isoindolinones. <i>Organic Letters</i> , 2015, 17, 5566-5569.	2.4	59
100	Copper-Catalyzed Cyclization and Azidation of β,γ -Unsaturated Ketone O-Benzoyl Oximes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 64-70.	2.1	45
101	Catalytic, highly enantioselective, direct amination of enecarbamates. <i>Chemical Communications</i> , 2015, 51, 5383-5386.	2.2	28
102	Chiral Calcium-BINOL Phosphate Catalyzed Diastereo- and Enantioselective Synthesis of α,β -Disubstituted 1,2-Diamines: Scope and Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2015, 21, 1704-1712.	1.7	34
103	Nitration-Oximization of Styrene Derivatives with <i>tert</i> -Butyl Nitrite: Synthesis of α,β -Nitrooximes. <i>Chinese Journal of Chemistry</i> , 2016, 34, 830-838.	2.6	8
104	Visible-light-mediated, nitrogen-centered radical amination of tertiary alkyl halides under metal-free conditions to form α -tertiary amines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4387-4392.	1.5	25
105	Intramolecular Radical Aziridination of Allylic Sulfamoyl Azides by Cobalt(II)-Based Metalloradical Catalysis: Effective Construction of Strained Heterobicyclic Structures. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11604-11608.	7.2	61
106	Intramolecular Radical Aziridination of Allylic Sulfamoyl Azides by Cobalt(II)-Based Metalloradical Catalysis: Effective Construction of Strained Heterobicyclic Structures. <i>Angewandte Chemie</i> , 2016, 128, 11776-11780.	1.6	21
107	Copper-Catalyzed Oxidative Oxyamination/Diamination of Internal Alkenes of Unsaturated Oximes with Simple Amines. <i>ACS Catalysis</i> , 2016, 6, 6525-6530.	5.5	129
108	Electrochemical Oxidative C-H/N-H Coupling between β -Lactams and Anilines. <i>Chemistry - A European Journal</i> , 2016, 22, 14293-14296.	1.7	40
109	One-Pot Three-Component Synthesis of Vicinal Diamines via In Situ Amino Formation and Carboamination. <i>Angewandte Chemie</i> , 2016, 128, 13073-13077.	1.6	10
110	One-Pot Three-Component Synthesis of Vicinal Diamines via In Situ Amino Formation and Carboamination. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12881-12885.	7.2	38
111	Regioselective Intermolecular Diamination and Aminooxygenation of Alkenes with Saccharin. <i>Organic Letters</i> , 2016, 18, 2998-3001.	2.4	47
112	Transition Metal Free Intermolecular Direct Oxidative C-N Bond Formation to Polysubstituted Pyrimidines Using Molecular Oxygen as the Sole Oxidant. <i>Journal of Organic Chemistry</i> , 2016, 81, 5538-5546.	1.7	43
113	Substitution Effects of Hypervalent Iodine(III) Reagents in the Diamination of Styrene. <i>Journal of Organic Chemistry</i> , 2016, 81, 6118-6122.	1.7	26
114	Advances in Iodine(III)-Mediated Halogenations: A Versatile Tool to Explore New Reactivities and Selectivities. <i>Chemistry - A European Journal</i> , 2016, 22, 8728-8739.	1.7	79
115	Base mediated direct C-H amination for pyrimidines synthesis from amidines and cinnamaldehydes using oxygen as green oxidants. <i>Chinese Chemical Letters</i> , 2016, 27, 47-50.	4.8	30
116	Nucleophilic ring opening of aziridines with amines under catalyst- and solvent-free conditions. <i>Green Chemistry</i> , 2017, 19, 924-927.	4.6	25

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117	Stereoselective Synthesis of 1,2- <i>trans</i> -Diamines Using the Three-Component Borono-Mannich Condensation – Reaction Scope and Mechanistic Insights. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1940-1951.	1.2	9
118	Oxidative 1,2-carboamination of alkenes with alkyl nitriles and amines toward β -amino alkyl nitriles. <i>Nature Communications</i> , 2017, 8, 14720.	5.8	141
119	Pd(II)-Catalyzed Aerobic Intermolecular 1,2-Diamination of Conjugated Dienes: A Regio- and Chemoselective [4 + 2] Annulation for the Synthesis of Tetrahydroquinoxalines. <i>Organic Letters</i> , 2017, 19, 2813-2816.	2.4	45
120	Preparation of isoindolinones via a palladium-catalyzed diamination. <i>Tetrahedron Letters</i> , 2017, 58, 285-288.	0.7	11
121	Palladium(II)-catalyzed intramolecular aminoacetoxylation of sugar derived alkenyl tosylsulfonamide: Total synthesis of l-deoxyallonojirimycin. <i>Tetrahedron Letters</i> , 2017, 58, 419-422.	0.7	2
122	Iron-catalyzed peroxidation-carbamoylation of alkenes with hydroperoxides and formamides via formyl C(sp ²)-H functionalization. <i>Chemical Communications</i> , 2017, 53, 12830-12833.	2.2	29
123	Copper-Catalyzed Alkene Aminoazidation as a Rapid Entry to 1,2-Diamines and Installation of an Azide Reporter onto Azaheterocycles. <i>Journal of the American Chemical Society</i> , 2017, 139, 13110-13116.	6.6	116
124	Iodine(III)-Mediated/Catalyzed Cycloisomerization-Amination Sequence of <i>N</i> -Propargyl Carboxamides. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3243-3247.	2.1	31
125	Diastereoselective Synthesis of CF ₃ -Containing Vicinal Diamines. <i>Journal of Organic Chemistry</i> , 2017, 82, 8273-8281.	1.7	11
126	Pd(II)-Catalyzed Asymmetric Oxidative 1,2-Diamination of Conjugated Dienes with Ureas. <i>Organic Letters</i> , 2018, 20, 2485-2489.	2.4	49
127	Enantioselective Synthesis of <i>trans</i> -Vicinal Diamines via Rhodium-Catalyzed [2+2] Cycloaddition of Allenamides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1790-1794.	2.1	21
128	NFSI-participated intermolecular aminoazidation of alkene through iron catalysis. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3109-3113.	1.5	25
129	Palladium-Catalyzed Intermolecular Dehydrogenative Carboamination of Alkenes with Amines and N-Substituted Isatin. <i>Organic Letters</i> , 2018, 20, 7451-7454.	2.4	10
130	Enantioselective Organocatalytic Amine-Isocyanate Capture-Cyclization: Regioselective Alkene Iodoamination for the Synthesis of Chiral Cyclic Ureas. <i>ACS Catalysis</i> , 2018, 8, 11926-11931.	5.5	24
132	Intramolecular Diamination of Alkenes. , 2018, , 33-53.		3
133	DBU-Catalyzed Desymmetrization of Cyclohexadienones: Access to Vicinal Diamine-Containing Heterocycles. <i>Organic Letters</i> , 2018, 20, 5006-5009.	2.4	19
134	Copper-Catalyzed Diamination of Oxime Ester-Tethered Unactivated Alkenes with Unprotected Amines. <i>Journal of Organic Chemistry</i> , 2019, 84, 6547-6556.	1.7	27
135	Catalyst-free amination of β -cyanoarylacetates enabled by single-electron transfer. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1900-1904.	2.3	5

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136	PhI(OAc) ₂ -mediated alkoxyoxygenation of $\hat{1}^2, \hat{1}^3$ -unsaturated ketoximes: Preparation of isoxazolines bearing two contiguous tetrasubstituted carbons. <i>Tetrahedron Letters</i> , 2019, 60, 1148-1152.	0.7	14
137	Recent Advances in the Catalytic Synthesis of Imidazolidin-2-ones and Benzimidazolidin-2-ones. <i>Catalysts</i> , 2019, 9, 28.	1.6	20
138	Iron-Catalyzed Intra-intermolecular Aminoazidation of Alkenes. <i>Organic Process Research and Development</i> , 2020, 24, 695-703.	1.3	21
139	Synthesis of 1,6-Dihydropyridine-3-carbonitrile Derivatives <i>via</i> Lewis Acid-Catalyzed Annulation of Propargylic Alcohols with <i>E</i> -3-Amino-3-phenylacrylonitriles. <i>Journal of Organic Chemistry</i> , 2020, 85, 9863-9875.	1.7	8
140	Direct Carbon-Carbon σ Bond Amination of Unstrained Arylalkylketones. <i>ACS Catalysis</i> , 2020, 10, 8402-8408.	5.5	25
141	Direct Synthesis of Unprotected 2-Azidoamines from Alkenes via an Iron-Catalyzed Difunctionalization Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 21548-21555.	6.6	74
142	Copper-Catalyzed 1,2-Aminocyanation of Unactivated Alkenes via Cyano Migration. <i>Organic Letters</i> , 2020, 22, 4141-4145.	2.4	24
143	Intermolecular Vicinal Diaminative Assembly of Tetrahydroquinoxalines via Metal-free Oxidative [4 + 2] Cycloaddition Strategy. <i>Organic Letters</i> , 2020, 22, 2425-2430.	2.4	29
144	Rhodium(<i>iii</i>)-catalyzed diamidation of olefins <i>via</i> amidorhodation and further amidation. <i>Chemical Communications</i> , 2020, 56, 7809-7812.	2.2	11
145	Dirhodium(<i>ii</i>)-catalyzed diamination reaction <i>via</i> a free radical pathway. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5098-5104.	2.3	13
146	Recent advances in aminative difunctionalization of alkenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3036-3054.	1.5	49
147	Pd-Catalyzed Alkene Diamination Reactions with <i>O</i> -Benzoylhydroxylamine Electrophiles: Evidence Supporting a Pd(II/IV) Catalytic Cycle, the Role of 2,4-Pentanedione Derivatives as Ligands, and Expanded Substrate Scope. <i>Journal of Organic Chemistry</i> , 2021, 86, 11378-11387.	1.7	4
148	Radical Cascade Reactions of $\hat{1}^2, \hat{1}^3$ -Unsaturated Hydrazones/Oximes. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4640-4666.	2.1	30
150	Copper-Catalyzed Aminoarylation of Alkenes via Aminyl Radical Addition and Aryl Migration. <i>Organic Letters</i> , 2022, 24, 309-313.	2.4	9
151	Pd-Catalyzed Aerobic Intermolecular 1,2-Diamination of Conjugated Dienes: Regio- and Chemoselective Synthesis of Piperazines and Piperazinones. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	2
152	Regioselective Access to Vicinal Diamines by Metal-Free Photosensitized Amidyliminium of Alkenes with Oxime Esters. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
153	Regioselective Access to Vicinal Diamines by Metal-Free Photosensitized Amidyliminium of Alkenes with Oxime Esters. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	28
155	Recent Advancements on Metal-Free Vicinal Diamination of Alkenes: Synthetic Strategies and Mechanistic Insights. <i>Chemistry - an Asian Journal</i> , 2023, 18, .	1.7	5

#	ARTICLE	IF	CITATIONS
156	Modular and practical diamination of allenes. Nature Communications, 2023, 14, .	5.8	1