

Catalytic enantioconvergent coupling of secondary and olefins

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Practically simple reactions convert hydrocarbons to precious chemicals. <i>Nature</i> , 2018, 563, 336-337.	13.7	3
2	Rapid Access to Highly Functionalized Alkyl Boronates by NiHâ€Catalyzed Remote Hydroarylation of Boronâ€Containing Alkenes. <i>Angewandte Chemie</i> , 2019, 131, 13998-14002.	1.6	26
3	Stereospecific Synthesis of <i>E</i>-Alkenes through Anti-Markovnikov Hydroalkylation of Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2019, 141, 12464-12469.	6.6	39
4	Ni-Catalyzed Regio- and Enantioselective Domino Reductive Cyclization: One-Pot Synthesis of 2,3-Fused Cyclopentannulated Indolines. <i>ACS Catalysis</i> , 2019, 9, 7335-7342.	5.5	75
5	Nickelâ€Catalyzed Regioselective Hydroalkylation and Hydroarylation of Alkenyl Boronic Esters. <i>Angewandte Chemie</i> , 2019, 131, 13992-13997.	1.6	29
6	Nickelâ€Catalyzed Regioselective Hydroalkylation and Hydroarylation of Alkenyl Boronic Esters. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13854-13859.	7.2	98
7	Rapid Access to Highly Functionalized Alkyl Boronates by NiHâ€Catalyzed Remote Hydroarylation of Boronâ€Containing Alkenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13860-13864.	7.2	95
8	Organotitanium Nucleophiles in Asymmetric Cross-Coupling Reaction: Stereoconvergent Synthesis of Chiral Î±-CF₃ Thioethers. <i>Journal of the American Chemical Society</i> , 2019, 141, 10994-10999.	6.6	33
9	Photochemical Asymmetric Nickelâ€Catalyzed Acyl Crossâ€Coupling. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16854-16858.	7.2	86
10	Photochemical Asymmetric Nickelâ€Catalyzed Acyl Crossâ€Coupling. <i>Angewandte Chemie</i> , 2019, 131, 17010-17014.	1.6	28
11	Ligandâ€Controlled Regiodivergent Hydroalkylation of Pyrrolines. <i>Angewandte Chemie</i> , 2019, 131, 18690-18694.	1.6	26
12	Ligandâ€Controlled Regiodivergent Hydroalkylation of Pyrrolines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18519-18523.	7.2	91
13	Synthesis of Isomerically Pure (<i>Z</i>)-Alkenes from Terminal Alkynes and Terminal Alkenes: Silver-Catalyzed Hydroalkylation of Alkynes. <i>Journal of the American Chemical Society</i> , 2019, 141, 17086-17091.	6.6	33
14	Nickel-Catalyzed Asymmetric Intramolecular Reductive Heck Reaction of Unactivated Alkenes. <i>Organic Letters</i> , 2019, 21, 6989-6994.	2.4	42
15	Photoredox asymmetric catalytic enantioconvergent substitution of 3-chlorooxindoles. <i>Chemical Communications</i> , 2019, 55, 11362-11365.	2.2	49
16	Lewis SÃureâ€katalysierte Transferhydromethallylierung fÃ¼r den Aufbau quartÃrter Kohlenstoffzentren. <i>Angewandte Chemie</i> , 2019, 131, 15530-15534.	1.6	7
17	Lewis Acid Catalyzed Transfer Hydromethallylation for the Construction of Quaternary Carbon Centers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15386-15389.	7.2	25
18	Nickel-Catalyzed Enantioselective Reductive Aryl Fluoroalkenylation of Alkenes. <i>ACS Catalysis</i> , 2019, 9, 9127-9133.	5.5	122

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19	Visible Light-Induced Co- or Cu-Catalyzed Selenosulfonylation of Alkynes: Synthesis of Î²-(Seleno)vinyl Sulfones. <i>Journal of Organic Chemistry</i> , 2019, 84, 12324-12333.	1.7	38
20	Mechanisms of Nickel-Catalyzed Cross-Coupling Reactions. <i>Trends in Chemistry</i> , 2019, 1, 830-844.	4.4	329
21	Intermolecular Phosphite-Mediated Radical Desulfurative Alkene Alkylation Using Thiols. <i>Organic Letters</i> , 2019, 21, 8031-8036.	2.4	30
22	Enantioselective Construction of Quaternary All-Carbon Centers via Copper-Catalyzed Arylation of Tertiary Carbon-Centered Radicals. <i>Journal of the American Chemical Society</i> , 2019, 141, 1887-1892.	6.6	101
23	Palladium-catalyzed enantioselective alkenylation of alkenylbenzene derivatives. <i>Chemical Science</i> , 2019, 10, 7246-7250.	3.7	20
24	Ketone Synthesis by Direct, Orthogonal Chemoselective Hydroacylation of Alkenes with Amides: Use of Alkenes as Surrogates of Alkyl Carbanions. <i>Chinese Journal of Chemistry</i> , 2019, 37, 811-816.	2.6	16
25	Connecting Organometallic Ni(III) and Ni(IV): Reactions of Carbon-Centered Radicals with High-Valent Organonickel Complexes. <i>Journal of the American Chemical Society</i> , 2019, 141, 8914-8920.	6.6	49
26	Nickel-Catalyzed 1,1-Alkylboration of Electronically Unbiased Terminal Alkenes. <i>Angewandte Chemie</i> , 2019, 131, 8964-8968.	1.6	13
27	Construction of Acyclic Quaternary Carbon Stereocenters by Catalytic Asymmetric Hydroalkynylation of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 9312-9320.	6.6	57
28	Highly Enantioselective Cross-Electrophile Aryl-Alkenylation of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 7637-7643.	6.6	183
29	Nickel-Catalyzed 1,1-Alkylboration of Electronically Unbiased Terminal Alkenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8872-8876.	7.2	62
30	Nickel-catalysed selective migratory hydrothiolation of alkenes and alkynes with thiols. <i>Nature Communications</i> , 2019, 10, 1752.	5.8	113
31	Hydroalkylation of Olefins To Form Quaternary Carbons. <i>Journal of the American Chemical Society</i> , 2019, 141, 7709-7714.	6.6	134
32	Direct Transformation of Aryl 2-Pyridyl Esters to Secondary Benzylic Alcohols by Nickel Relay Catalysis. <i>Organic Letters</i> , 2019, 21, 2453-2458.	2.4	17
33	Nickel-Catalyzed Asymmetric Reductive Arylalkylation of Unactivated Alkenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6722-6726.	7.2	155
34	Migratory Reductive Acylation between Alkyl Halides or Alkenes and Alkyl Carboxylic Acids by Nickel Catalysis. <i>ACS Catalysis</i> , 2019, 9, 3253-3259.	5.5	84
35	Nickel-Catalyzed Asymmetric Reductive Arylalkylation of Unactivated Alkenes. <i>Angewandte Chemie</i> , 2019, 131, 6794-6798.	1.6	45
36	Ni(I)â€‘X Complexes Bearing a Bulky Î±-Diimine Ligand: Synthesis, Structure, and Superior Catalytic Performance in the Hydrogen Isotope Exchange in Pharmaceuticals. <i>Journal of the American Chemical Society</i> , 2019, 141, 5034-5044.	6.6	92

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37	Ruthenium(II)-Catalyzed Enantioselective Î³-Lactams Formation by Intramolecular Câ€”H Amidation of 1,4,2-Dioxazol-5-ones. <i>Journal of the American Chemical Society</i> , 2019, 141, 3849-3853.	6.6	117
38	Rh-Catalyzed Highly Enantioselective Synthesis of Aliphatic Sulfonyl Fluorides. <i>Science</i> , 2019, 21, 695-705.	1.9	32
39	Forging C(sp ³)â€”C(sp ³) Bonds with Carbon-Centered Radicals in the Synthesis of Complex Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 2800-2813.	6.6	111
40	NiHâ€Catalyzed Remote Asymmetric Hydroalkylation of Alkenes with Racemic Î±â€Bromo Amides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1754-1758.	7.2	156
41	NiHâ€Catalyzed Remote Asymmetric Hydroalkylation of Alkenes with Racemic Î±â€Bromo Amides. <i>Angewandte Chemie</i> , 2019, 131, 1768-1772.	1.6	45
42	Tackling Remote C(sp ³)â€”H Functionalization via Niâ€Catalyzed â€œchainâ€walkingâ€ Reactions. <i>Israel Journal of Chemistry</i> , 2020, 60, 195-206.	1.0	156
43	Visible-Light-Induced Nickel-Catalyzed Cross-Coupling with Alkylzirconocenes from Unactivated Alkenes. <i>Chem</i> , 2020, 6, 675-688.	5.8	57
44	Nickel-Catalyzed Enantioconvergent Reductive Hydroalkylation of Olefins with Î±-Heteroatom Phosphorus or Sulfur Alkyl Electrophiles. <i>Journal of the American Chemical Society</i> , 2020, 142, 214-221.	6.6	135
45	Exploiting attractive non-covalent interactions for the enantioselective catalysis of reactions involving radical intermediates. <i>Nature Chemistry</i> , 2020, 12, 990-1004.	6.6	113
46	Nickel-Catalyzed Highly Selective Hydroalkenylation of Alkenyl Boronic Esters to Access Allyl Boron. <i>Organic Letters</i> , 2020, 22, 8285-8290.	2.4	8
47	Redox-Triggered Ruthenium-Catalyzed Remote Câ€”H Acylation with Primary Alcohols. <i>ACS Catalysis</i> , 2020, 10, 12987-12995.	5.5	20
48	Copper-Catalyzed Enantioselective Radical 1,4-Difunctionalization of 1,3-Enynes. <i>Journal of the American Chemical Society</i> , 2020, 142, 18014-18021.	6.6	109
49	Recent advances in nickel-catalyzed reductive hydroalkylation and hydroarylation of electronically unbiased alkenes. <i>Science China Chemistry</i> , 2020, 63, 1586-1600.	4.2	109
50	Mechanistic Studies Inform Design of Improved Ti(salen) Catalysts for Enantioselective [3 + 2] Cycloaddition. <i>Journal of the American Chemical Society</i> , 2020, 142, 18471-18482.	6.6	32
51	NiH-Catalyzed Proximal-Selective Hydroamination of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 20470-20480.	6.6	78
52	Nickel-Catalyzed Regioselective Hydroarylation of Internal Enamides. <i>Organic Letters</i> , 2020, 22, 9319-9324.	2.4	15
53	Electroreductive Carbofunctionalization of Alkenes with Alkyl Bromides via a Radical-Polar Crossover Mechanism. <i>Journal of the American Chemical Society</i> , 2020, 142, 20661-20670.	6.6	141
54	Alkyl halides as both hydride and alkyl sources in catalytic regioselective reductive olefin hydroalkylation. <i>Nature Communications</i> , 2020, 11, 5857.	5.8	56

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55	One-Pot Alkene Hydroboration/Palladium-Catalyzed Migratory Suzuki–Miyaura Cross-Coupling. <i>ACS Catalysis</i> , 2020, 10, 10508-10515.	5.5	20
56	Nickel-Catalyzed Hydrofluorination of Unactivated Alkenes through a HAT Pathway. <i>ACS Catalysis</i> , 2020, 10, 13165-13170.	5.5	18
57	Migratory functionalization of unactivated alkyl bromides for construction of all-carbon quaternary centers via transposed tert-C-radicals. <i>Nature Communications</i> , 2020, 11, 4860.	5.8	77
58	How does the nickel catalyst control the doubly enantioconvergent coupling of racemic alkyl nucleophiles and electrophiles? The rebound mechanism. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3411-3419.	2.3	8
59	Quinim: A New Ligand Scaffold Enables Nickel-Catalyzed Enantioselective Synthesis of β -Alkylated β -Lactam. <i>Journal of the American Chemical Society</i> , 2020, 142, 15654-15660.	6.6	88
60	Ligand-Controlled Regiodivergence in Nickel-Catalyzed Hydroarylation and Hydroalkenylation of Alkenyl Carboxylic Acids**. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23306-23312.	7.2	51
61	Activation of C=O and C=N Bonds Using Non-Precious-Metal Catalysis. <i>ACS Catalysis</i> , 2020, 10, 12109-12126.	5.5	104
62	Nickel-catalyzed migratory alkyl-alkyl cross-coupling reaction. <i>Chemical Science</i> , 2020, 11, 10461-10464.	3.7	20
63	Enantio- and Regioselective Ni-Catalyzed Reductive Hydroarylation of Vinylarenes with Aryl Iodides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21530-21534.	7.2	91
64	Enantio- and Regioselective Ni-Catalyzed Reductive Hydroarylation of Vinylarenes with Aryl Iodides. <i>Angewandte Chemie</i> , 2020, 132, 21714-21718.	1.6	23
65	Ligand-Controlled Regiodivergence in Nickel-Catalyzed Hydroarylation and Hydroalkenylation of Alkenyl Carboxylic Acids**. <i>Angewandte Chemie</i> , 2020, 132, 23506-23512.	1.6	6
66	A Self-Supporting Strategy for Gas-Phase and Slurry-Phase Ethylene Polymerization using Late-Transition-Metal Catalysts. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14884-14890.	7.2	55
67	Cu-catalysed intramolecular radical enantioconvergent tertiary $^2\text{-C}(\text{sp}^3)\text{-H}$ amination of racemic ketones. <i>Nature Catalysis</i> , 2020, 3, 539-546.	16.1	70
68	Three-Component, Interrupted Radical Heck/Allylic Substitution Cascade Involving Unactivated Alkyl Bromides. <i>Journal of the American Chemical Society</i> , 2020, 142, 10173-10183.	6.6	135
69	A Self-Supporting Strategy for Gas-Phase and Slurry-Phase Ethylene Polymerization using Late-Transition-Metal Catalysts. <i>Angewandte Chemie</i> , 2020, 132, 14994-15000.	1.6	7
70	Ru-catalyzed isomerization of β -alkenylboronates towards stereoselective synthesis of vinylboronates with subsequent <i>in situ</i> functionalization. <i>Chemical Science</i> , 2020, 11, 5944-5949.	3.7	19
71	Stereoselective Functionalization of Racemic Cyclopropylzinc Reagents via Enantiodivergent Relay Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 11884-11892.	6.6	32
72	Convergent Catalytic Asymmetric Synthesis of Esters of Chiral Dialkyl Carbinols. <i>Journal of the American Chemical Society</i> , 2020, 142, 5870-5875.	6.6	93

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73	Catalytic enantioselective desymmetrizing functionalization of alkyl radicals via Cu(i)/CPA cooperative catalysis. <i>Nature Catalysis</i> , 2020, 3, 401-410.	16.1	71
74	Ligand-Enabled Nickel-Catalyzed Redox-Relay Migratory Hydroarylation of Alkenes with Arylborons. <i>Angewandte Chemie</i> , 2020, 132, 9271-9276.	1.6	15
75	Mechanisms of Nickel-Catalyzed Coupling Reactions and Applications in Alkene Functionalization. <i>Accounts of Chemical Research</i> , 2020, 53, 906-919.	7.6	261
76	Enantioselective Copper-Catalyzed Radical Ring-Opening Cyanation of Cyclopropanols and Cyclopropanone Acetals. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2189-2194.	2.1	38
77	Ligand-Enabled Nickel-Catalyzed Redox-Relay Migratory Hydroarylation of Alkenes with Arylborons. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9186-9191.	7.2	75
78	Nickel-Catalyzed Dicarbofunctionalization of Alkenes. <i>ACS Catalysis</i> , 2020, 10, 8542-8556.	5.5	272
79	Photoinduced Copper-Catalyzed Asymmetric Decarboxylative Alkynylation with Terminal Alkynes. <i>Angewandte Chemie</i> , 2020, 132, 17074-17080.	1.6	7
80	Photoinduced Copper-Catalyzed Asymmetric Decarboxylative Alkynylation with Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16926-16932.	7.2	100
81	Versatile cobalt-catalyzed regioselective chain-walking double hydroboration of 1,n-dienes to access gem-bis(boryl)alkanes. <i>Nature Communications</i> , 2020, 11, 765.	5.8	66
82	Stereoinvertive C-C Bond Formation at the Boron-Bound Stereogenic Centers through Copper-Bipyridine-Catalyzed Intramolecular Coupling of α -Aminobenzylboronic Esters. <i>Angewandte Chemie</i> , 2020, 132, 7318-7322.	1.6	1
83	Ni-Catalyzed Migratory Defluorinative Olefin Cross-Coupling: Trifluoromethyl-Substituted Alkenes as Acceptor Olefins to Form gem-Difluoroalkenes. <i>Angewandte Chemie</i> , 2020, 132, 5436-5440.	1.6	22
84	Reaction scope and mechanistic insights of nickel-catalyzed migratory Suzuki-Miyaura cross-coupling. <i>Nature Communications</i> , 2020, 11, 417.	5.8	92
85	Ni-Catalyzed Migratory Defluorinative Olefin Cross-Coupling: Trifluoromethyl-Substituted Alkenes as Acceptor Olefins to Form gem-Difluoroalkenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5398-5402.	7.2	108
86	Stitching two chiral centers with one catalyst. <i>Science</i> , 2020, 367, 509-510.	6.0	0
87	Scalable and Phosphine-Free Conversion of Alcohols to Carbon-Heteroatom Bonds through the Blue Light-Promoted Iodination Reaction. <i>Journal of Organic Chemistry</i> , 2020, 85, 3717-3727.	1.7	4
88	Copper-Catalyzed Asymmetric Radical 1,2-Carboalkynylation of Alkenes with Alkyl Halides and Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2020, 142, 9501-9509.	6.6	96
89	Amino Acid Schiff Base Bearing Benzophenone Imine As a Platform for Highly Congested Unnatural α -Amino Acid Synthesis. <i>Journal of the American Chemical Society</i> , 2020, 142, 8498-8505.	6.6	64
90	Nickel-Catalyzed, Regio- and Enantioselective Benzylic Alkenylation of Olefins with Alkenyl Bromide. <i>Angewandte Chemie</i> , 2021, 133, 4106-4110.	1.6	10

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91	Nickel-Catalyzed, Regio- and Enantioselective Benzylic Alkenylation of Olefins with Alkenyl Bromide. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4060-4064.	7.2	75
92	Enantioselective, Stereoconvergent Resolution Copolymerization of Racemic <i>cis</i> -Internal Epoxides and Anhydrides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5994-6002.	7.2	24
93	Regio- and Enantioselective Ni-Catalyzed Formal Hydroalkylation, Hydrobenzylation, and Hydropropargylation of Acrylamides to β -Tertiary Amides. <i>Angewandte Chemie</i> , 2021, 133, 1623-1628.	1.6	16
94	Iron-catalysed asymmetric carboazidation of styrenes. <i>Nature Catalysis</i> , 2021, 4, 28-35.	16.1	60
95	Enantioselective, Stereoconvergent Resolution Copolymerization of Racemic <i>cis</i> -Internal Epoxides and Anhydrides. <i>Angewandte Chemie</i> , 2021, 133, 6059-6067.	1.6	5
96	Regio- and Enantioselective Ni-Catalyzed Formal Hydroalkylation, Hydrobenzylation, and Hydropropargylation of Acrylamides to β -Tertiary Amides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1599-1604.	7.2	87
97	Quaternary stereocentres via catalytic enantioconvergent nucleophilic substitution reactions of tertiary alkyl halides. <i>Nature Chemistry</i> , 2021, 13, 236-242.	6.6	63
98	Directed Markovnikov hydroarylation and hydroalkenylation of alkenes under nickel catalysis. <i>Chemical Science</i> , 2021, 12, 11038-11044.	3.7	19
99	NiH-catalyzed asymmetric hydroarylation of N-acyl enamines to chiral benzylamines. <i>Nature Communications</i> , 2021, 12, 638.	5.8	93
100	Nickel-catalyzed formation of quaternary carbon centers using tertiary alkyl electrophiles. <i>Chemical Society Reviews</i> , 2021, 50, 4162-4184.	18.7	106
101	BH ₃ -Me ₂ S: An Alternative Hydride Source for NiH-Catalyzed Reductive Migratory Hydroarylation and Hydroalkenylation of Alkenes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1543-1546.	1.2	9
102	The Asymmetric Synthesis of Amines via Nickel-Catalyzed Enantioconvergent Substitution Reactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 2930-2937.	6.6	36
103	Catalytic asymmetric reductive hydroalkylation of enamides and enecarbamates to chiral aliphatic amines. <i>Nature Communications</i> , 2021, 12, 1313.	5.8	101
104	CuH-Catalyzed Regio- and Enantioselective Hydrocarboxylation of Allenes: Toward Carboxylic Acids with Acyclic Quaternary Centers. <i>Journal of the American Chemical Society</i> , 2021, 143, 4935-4941.	6.6	38
105	Terminal-Selective C(sp ³)-H Arylation: NiH-Catalyzed Remote Hydroarylation of Unactivated Internal Olefins. <i>Organometallics</i> , 2021, 40, 2253-2264.	1.1	13
106	Nickel-Catalyzed Reductive Vinylation of Chloro-hexahydropyrroloindoline Derivatives with Vinyl Triflates. <i>Organic Letters</i> , 2021, 23, 2493-2497.	2.4	5
107	Nickel-Catalyzed Enantioselective β -Alkenylation of <i>N</i> -Sulfonyl Amines: Modular Access to Chiral β -Branched Amines. <i>Journal of the American Chemical Society</i> , 2021, 143, 4154-4161.	6.6	23
108	Asymmetric, visible light-mediated radical sulfinyl-Smiles rearrangement to access all-carbon quaternary stereocentres. <i>Nature Chemistry</i> , 2021, 13, 327-334.	6.6	88

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110	Boron insertion into alkyl ether bonds via zinc/nickel tandem catalysis. <i>Science</i> , 2021, 372, 175-182.	6.0	72
111	NiH-Catalyzed Reductive Hydrocarboxylation of Enol Esters and Ethers. <i>CCS Chemistry</i> , 2022, 4, 605-615.	4.6	40
112	Transition-Metal-Catalyzed Asymmetric Couplings of β -Aminoalkyl Fragments to Access Chiral Alkylamines. <i>ACS Catalysis</i> , 2021, 11, 6560-6577.	5.5	25
113	Highly Regio- and Enantioselective Reductive Coupling of Alkynes and Aldehydes via Photoredox Cobalt Dual Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 7306-7313.	6.6	74
114	Enantioselective access to chiral aliphatic amines and alcohols via Ni-catalyzed hydroalkylations. <i>Nature Communications</i> , 2021, 12, 2771.	5.8	83
115	Stereospecific and stereoconvergent nucleophilic substitution reactions at tertiary carbon centers. <i>CheM</i> , 2021, 7, 1451-1486.	5.8	42
116	Nickel-catalysed migratory hydroalkynylation and enantioselective hydroalkynylation of olefins with bromoalkynes. <i>Nature Communications</i> , 2021, 12, 3792.	5.8	50
117	Catalytic Asymmetric Hydroalkylation of β,β -Unsaturated Amides Enabled by Regio-Reversed and Enantiodifferentiating <i>syn</i> -Hydronickelation. <i>ACS Catalysis</i> , 2021, 11, 8766-8773.	5.5	49
118	Methodologies for the synthesis of quaternary carbon centers via hydroalkylation of unactivated olefins: twenty years of advances. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 1565-1590.	1.3	4
119	Facile access to C-glycosyl amino acids and peptides via Ni-catalyzed reductive hydroglycosylation of alkynes. <i>Nature Communications</i> , 2021, 12, 4924.	5.8	35
120	Nickel-Catalyzed Multicomponent Coupling: Synthesis of β -Chiral Ketones by Reductive Hydrocarboxylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2021, 143, 14089-14096.	6.6	77
121	Ligand-Controlled Regiodivergent Catalytic Amidation of Unactivated Secondary Alkyl Bromides. <i>ACS Catalysis</i> , 2021, 11, 10223-10227.	5.5	26
122	Enantioselective Reductive Divinylation of Unactivated Alkenes by Nickel-Catalyzed Cyclization Coupling Reaction. <i>Journal of the American Chemical Society</i> , 2021, 143, 12961-12967.	6.6	51
123	Cobalt-Catalyzed Enantiospecific Dynamic Kinetic Cross-Electrophile Vinylation of Allylic Alcohols with Vinyl Triflates. <i>Journal of the American Chemical Society</i> , 2021, 143, 15930-15935.	6.6	49
124	Facile Synthesis of Chiral Arylamines, Alkylamines and Amides by Enantioselective NiH-Catalyzed Hydroamination. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23584-23589.	7.2	52
125	Ligand-Enabled NiH-Catalyzed Migratory Hydroamination: Chain Walking as a Strategy for Regiodivergent/Regioconvergent Remote β -C-H Amination. <i>CCS Chemistry</i> , 2021, 3, 2259-2268.	4.6	51
126	Facile Synthesis of Chiral Arylamines, Alkylamines and Amides by Enantioselective NiH-Catalyzed Hydroamination. <i>Angewandte Chemie</i> , 2021, 133, 23776.	1.6	2
127	Nickel Hydride Catalyzed Remote Hydroarylation of Olefins. <i>Synlett</i> , 2022, 33, 224-230.	1.0	13

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128	Ni-Catalyzed Regioselective Hydroarylation of 1,3-Butadienes with Aryl Halides. <i>Chemistry - A European Journal</i> , 2021, 27, 15903-15907.	1.7	10
129	Multicomponent alkene azidoarylation by anion-mediated dual catalysis. <i>Nature</i> , 2021, 598, 597-603.	13.7	32
130	Enantiodivergent Relay Coupling for Nickel-Catalyzed Stereo-selective Functionalization of Cyclopropylzinc Reagents. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 1746.	0.6	0
131	Chiral Alkyl Amine Synthesis via Catalytic Enantioselective Hydroalkylation of Enecarbamates. <i>Journal of the American Chemical Society</i> , 2021, 143, 1959-1967.	6.6	105
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