

Ning Jiao

List of Publications by Year in descending order

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184
papers

19,449
citations

7069

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255
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255
docs citations

255
times ranked

10355
citing authors

#	ARTICLE	IF	CITATIONS
1	Prols and Their Benzo Derivatives: Reactivity. , 2022, , 68-155.		2
2	Electrophilic amidomethylation of arenes with DMSO/MeCN reagents. Organic Chemistry Frontiers, 2022, 9, 2430-2437.	2.3	6
3	Discovery of novel ataxia telangiectasia mutated (ATM) kinase modulators: Computational simulation, biological evaluation and cancer combinational chemotherapy study. European Journal of Medicinal Chemistry, 2022, 233, 114196.	2.6	4
4	Discovery of 2-(furan-2-ylmethylene)hydrazine-1-carbothioamide derivatives as novel inhibitors of SARS-CoV-2 main protease. European Journal of Medicinal Chemistry, 2022, 238, 114508.	2.6	8
5	Catalytic Electrophilic Halogenation of Arenes with Electron-Withdrawing Substituents. Journal of the American Chemical Society, 2022, 144, 13415-13425.	6.6	40
6	Electrochemical Oxidation Induced Selective C=C Bond Cleavage. Chemical Reviews, 2021, 121, 485-505.	23.0	251
7	N-Heterocyclic Carbene Catalyzed Ester Synthesis from Organic Halides through Incorporation of Oxygen Atoms from Air. Angewandte Chemie, 2021, 133, 2168-2172.	1.6	6
8	Electrochemically induced nickel catalysis for oxygenation reactions with water. Nature Catalysis, 2021, 4, 116-123.	16.1	65
9	Oxoammonium salts are catalysing efficient and selective halogenation of olefins, alkynes and aromatics. Nature Communications, 2021, 12, 3873.	5.8	41
10	Cleaving arene rings for acyclic alkenylnitrile synthesis. Nature, 2021, 597, 64-69.	13.7	46
11	Radical 1,4/5-Amino Shift Enables Access to Fluoroalkyl-Containing Primary β -Aminoketones under Metal-Free Conditions. Angewandte Chemie - International Edition, 2021, 60, 26308-26313.	7.2	16
12	Selective Carbon-Carbon Bond Amination with Redox-Active Aminating Reagents: A Direct Approach to Anilines. Chinese Journal of Chemistry, 2021, 39, 3011.	2.6	8
13	Molecular oxygen-mediated oxygenation reactions involving radicals. Chemical Society Reviews, 2021, 50, 8067-8101.	18.7	123
14	Cu(I)-Catalyzed [2 + 2 + 1] Cycloaddition of Amines, Alkynes, and Ketenes: An Umpolung and Regioselective Approach to Full-Substituted β -Pyrrolinones. Organic Letters, 2021, 23, 762-766.	2.4	13
15	N-Heterocyclic Carbene Catalyzed Ester Synthesis from Organic Halides through Incorporation of Oxygen Atoms from Air. Angewandte Chemie - International Edition, 2021, 60, 2140-2144.	7.2	21
16	DMSO-catalysed late-stage chlorination of (hetero)arenes. Nature Catalysis, 2020, 3, 107-115.	16.1	122
17	Nitromethane as a nitrogen donor in Schmidt-type formation of amides and nitriles. Science, 2020, 367, 281-285.	6.0	81
18	DMSO-Enabled Selective Radical O-H Activation of 1,3(4)-Diols. Angewandte Chemie - International Edition, 2020, 59, 19851-19856.	7.2	33

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19	DMSO-Enabled Selective Radical O [•] H Activation of 1,3(4)-Diols. <i>Angewandte Chemie</i> , 2020, 132, 20023-20028.	1.6	10
20	Efficient Pd-Catalyzed C-H Oxidative Bromination of Arenes with Dimethyl Sulfoxide and Hydrobromic Acid. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1245-1251.	2.6	14
21	Intramolecular Csp ³ -H/C=C bond amination of alkyl azides for the selective synthesis of cyclic imines and tertiary amines. <i>Chemical Science</i> , 2020, 11, 4482-4487.	3.7	14
22	Rational modification, synthesis and biological evaluation of 3,4-dihydroquinoxalin-2(1H)-one derivatives as potent and selective c-Jun N-terminal kinase 3 (JNK3) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112445.	2.6	17
23	Nitromethane-Enabled Fluorination of Styrenes and Arenes. <i>CCS Chemistry</i> , 2020, 2, 566-575.	4.6	17
24	Selective Dealkenylative Functionalization of Styrenes via C-C Bond Cleavage. <i>Research</i> , 2020, 2020, 7947029.	2.8	7
25	Cu-catalyzed oxygenation of alkene-tethered amides with O ₂ via unactivated C=C bond cleavage: a direct approach to cyclic imides. <i>Chemical Science</i> , 2019, 10, 9099-9103.	3.7	26
26	A metal-free desulfurizing radical reductive C=C coupling of thiols and alkenes. <i>Chemical Communications</i> , 2019, 55, 10583-10586.	2.2	25
27	Multistage Screening Reveals 3-Substituted Indolin-2-one Derivatives as Novel and Isoform-Selective c-Jun N-terminal Kinase 3 (JNK3) Inhibitors: Implications to Drug Discovery for Potential Treatment of Neurodegenerative Diseases. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6645-6664.	2.9	38
28	Selective Aerobic Oxygenation of Tertiary Allylic Alcohols with Molecular Oxygen. <i>Angewandte Chemie</i> , 2019, 131, 11144-11148.	1.6	4
29	Special issue on organic free radical chemistry. <i>Science China Chemistry</i> , 2019, 62, 1423-1424.	4.2	0
30	Efficient Electrocatalysis for the Preparation of (Hetero)aryl Chlorides and Vinyl Chloride with 1,2-Dichloroethane. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4566-4570.	7.2	108
31	Efficient Electrocatalysis for the Preparation of (Hetero)aryl Chlorides and Vinyl Chloride with 1,2-Dichloroethane. <i>Angewandte Chemie</i> , 2019, 131, 4614-4618.	1.6	17
32	Selective Aerobic Oxygenation of Tertiary Allylic Alcohols with Molecular Oxygen. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11028-11032.	7.2	23
33	Efficient and practical synthesis of unsymmetrical disulfides via base-catalyzed aerobic oxidative dehydrogenative coupling of thiols. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2220-2225.	2.3	66
34	Titelbild: Efficient Electrocatalysis for the Preparation of (Hetero)aryl Chlorides and Vinyl Chloride with 1,2-Dichloroethane (<i>Angew. Chem.</i> 14/2019). <i>Angewandte Chemie</i> , 2019, 131, 4459-4459.	1.6	0
35	Acetonitrile Activation: An Effective Two-Carbon Unit for Cyclization. <i>Angewandte Chemie</i> , 2019, 131, 4420-4424.	1.6	6
36	Oxidative β^2 -Halogenation of Alcohols: A Concise and Diastereoselective Approach to Halohydrins. <i>Synlett</i> , 2019, 30, 437-441.	1.0	5

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37	Electrochemically Oxidative C–C Bond Cleavage of Alkylarenes for Anilines Synthesis. ACS Catalysis, 2019, 9, 2063-2067.	5.5	69
38	From alkylarenes to anilines via site-directed carbon–carbon amination. Nature Chemistry, 2019, 11, 71-77.	6.6	102
39	Acetonitrile Activation: An Effective Two–Carbon Unit for Cyclization. Angewandte Chemie - International Edition, 2019, 58, 4376-4380.	7.2	21
40	Chemoselective Nitrosylation of Anilines and Alkynes via Fragmentary or Complete NO Incorporation. Chem, 2018, 4, 1427-1442.	5.8	25
41	Cu-Catalyzed Aerobic Oxidative Sulfuration/Annulation Approach to Thiazoles via Multiple C–H Bond Cleavage. Organic Letters, 2018, 20, 2632-2636.	2.4	71
42	Copper-Catalyzed Oxygenation Approach to Oxazoles from Amines, Alkynes, and Molecular Oxygen. Organic Letters, 2018, 20, 2762-2765.	2.4	47
43	Homogeneous Oxygenase Catalysis. Chemical Reviews, 2018, 118, 4912-4945.	23.0	119
44	Rh-catalyzed Transient Directing Group Promoted C–H Amidation of Benzaldehydes Utilizing Dioxazolones. Chinese Journal of Chemistry, 2018, 36, 213-216.	2.6	46
45	Metal-Free Ir-Catalyzed Highly Selective Dehydrogenative Coupling of Alcohols and Cyclohexenones. Chinese Journal of Chemistry, 2018, 36, 233-240.	2.6	9
46	Photoredox-catalyzed hydroxyfluoroalkylation of alkene with simple fluoroalkyl iodides. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 355, 194-201.	2.0	13
47	Silver-catalyzed remote C–H functionalization of aliphatic alcohols. Nature Communications, 2018, 9, 2625.	5.8	95
48	Photoinduced C–C Bond Cleavage and Oxidation of Cycloketoxime Esters. Chinese Journal of Chemistry, 2018, 36, 995-999.	2.6	55
49	Direct Synthesis of Structurally Divergent Indole Alkaloids from Simple Chemicals. Chinese Journal of Chemistry, 2018, 36, 815-818.	2.6	20
50	Cs ₂ CO ₃ -Catalyzed Aerobic Oxidative Cross-Dehydrogenative Coupling of Thiols with Phosponates and Arenes. Angewandte Chemie - International Edition, 2017, 56, 2487-2491.	7.2	145
51	Cs ₂ CO ₃ -Catalyzed Aerobic Oxidative Cross-Dehydrogenative Coupling of Thiols with Phosponates and Arenes. Angewandte Chemie, 2017, 129, 2527-2531.	1.6	32
52	KI-Catalyzed Nitrogenation of Aldehydes and Alcohols: Direct Synthesis of Carbamoyl Azides and Ureas. Chinese Journal of Chemistry, 2017, 35, 845-848.	2.6	13
53	Fe-Catalyzed Amination of (Hetero)Arenes with a Redox-Active Aminating Reagent under Mild Conditions. Chemistry - A European Journal, 2017, 23, 563-567.	1.7	91
54	Oxygenation via C–H/C–C Bond Activation with Molecular Oxygen. Accounts of Chemical Research, 2017, 50, 1640-1653.	7.6	366

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55	Azidoalkylation of Alkenes with Simple Fluoroalkyl Iodides Enabled by Photoredox Catalysis. <i>Organic Letters</i> , 2017, 19, 4738-4741.	2.4	83
56	Oxygenation of Simple Olefins through Selective Allylic C-H Bond Cleavage: A Direct Approach to Cinnamyl Aldehydes. <i>Angewandte Chemie</i> , 2017, 129, 12102-12106.	1.6	2
57	Oxygenation of Simple Olefins through Selective Allylic C-H Bond Cleavage: A Direct Approach to Cinnamyl Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11940-11944.	7.2	22
58	Selective N-Oxyamination and Hydroxylation of Aliphatic Amides. <i>Angewandte Chemie</i> , 2017, 129, 12475-12479.	1.6	9
59	Reoxidation of Transition-Metal Catalysts with O ₂ . <i>Chinese Journal of Chemistry</i> , 2017, 35, 1349-1365.	2.6	27
60	Selective N-Oxyamination and Hydroxylation of Aliphatic Amides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12307-12311.	7.2	37
61	Rh-catalyzed aerobic oxidative cyclization of anilines, alkynes, and CO. <i>Chemical Science</i> , 2017, 8, 6266-6273.	3.7	32
62	Nitrogenation Strategy for the Synthesis of Amides. , 2017, , 29-61.		0
63	Nitrogenation Strategy for the Synthesis of Nitriles. , 2017, , 63-109.		2
64	Oxidative Iodohydroxylation of Olefins with DMSO. <i>Acta Chimica Sinica</i> , 2017, 75, 1202.	0.5	5
65	Nitrogenation Strategy for the Synthesis of N-Heterocyclic Compounds. , 2017, , 167-218.		0
66	Nitrogenation Strategy for the Synthesis of Carbamides. , 2017, , 111-127.		0
67	Azidation in the Difunctionalization of Olefins. <i>Molecules</i> , 2016, 21, 352.	1.7	102
68	Rh-Catalyzed Direct Amination of Unactivated C(sp ³)-H bond with Anthranils Under Mild Conditions. <i>Chemistry - A European Journal</i> , 2016, 22, 11165-11169.	1.7	81
69	Ag-catalyzed C-H/C-C bond functionalization. <i>Chemical Society Reviews</i> , 2016, 45, 4590-4627.	18.7	284
70	Rh- and Cu-Cocatalyzed Aerobic Oxidative Approach to Quinazolines via [4 + 2] C-H Annulation with Alkyl Azides. <i>Organic Letters</i> , 2016, 18, 2150-2153.	2.4	83
71	Pd-catalyzed dehydrogenative annulation approach for the efficient synthesis of phenanthridinones. <i>Chemical Science</i> , 2016, 7, 5384-5389.	3.7	76
72	Silver-Catalyzed Radical Transformation of Aliphatic Carboxylic Acids to Oxime Ethers. <i>ACS Catalysis</i> , 2016, 6, 6465-6472.	5.5	51

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73	Conversion of Simple Cyclohexanones into Catechols. <i>Journal of the American Chemical Society</i> , 2016, 138, 12271-12277.	6.6	141
74	Direct Tryptophols Synthesis from 2-Vinylanilines and Alkynes via C≡C Triple Bond Cleavage and Dioxygen Activation. <i>Journal of the American Chemical Society</i> , 2016, 138, 13147-13150.	6.6	83
75	A highly efficient metal-free approach to meta- and multiple-substituted phenols via a simple oxidation of cyclohexenones. <i>Green Chemistry</i> , 2016, 18, 6462-6467.	4.6	64
76	Dioxygen-Promoted Pd-Catalyzed Aminocarbonylation of Organoboronic Acids with Amines and CO: A Direct Approach to Tertiary Amides. <i>Organic Letters</i> , 2016, 18, 5852-5855.	2.4	43
77	Cationic Cobalt(III) Catalyzed Indole Synthesis: The Regioselective Intermolecular Cyclization of N-Nitrosoanilines and Alkynes. <i>Angewandte Chemie</i> , 2016, 128, 4103-4107.	1.6	58
78	Cationic Cobalt(III) Catalyzed Indole Synthesis: The Regioselective Intermolecular Cyclization of N-Nitrosoanilines and Alkynes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4035-4039.	7.2	190
79	Splitting a Substrate into Three Parts: Gold-Catalyzed Nitrogenation of Alkynes by C≡C and C≡½C Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 350-354.	7.2	70
80	NHPI and palladium cocatalyzed aerobic oxidative acylation of arenes through a radical process. <i>Chemical Communications</i> , 2016, 52, 1416-1419.	2.2	50
81	Cationic Cobalt(III)-Catalyzed Aryl and Alkenyl C≡H Amidation: A Mild Protocol for the Modification of Purine Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 16395-16399.	1.7	176
82	Efficient and Practical Oxidative Bromination and Iodination of Arenes and Heteroarenes with DMSO and Hydrogen Halide: A Mild Protocol for Late-Stage Functionalization. <i>Organic Letters</i> , 2015, 17, 2886-2889.	2.4	206
83	Cu-Catalyzed Transformation of Alkynes and Alkenes with Azide and Dimethyl Sulfoxide Reagents. <i>Organic Letters</i> , 2015, 17, 6186-6189.	2.4	78
84	Aerobic Oxidation of Pd ^{II} to Pd ^{IV} by Active Radical Reactants: Direct C-H Nitration and Acylation of Arenes via Oxygenation Process with Molecular Oxygen. <i>ACS Catalysis</i> , 2015, 5, 1956-1963.	5.5	194
85	I ₂ - or NBS-Catalyzed Highly Efficient α-Hydroxylation of Ketones with Dimethyl Sulfoxide. <i>Organic Letters</i> , 2015, 17, 876-879.	2.4	133
86	Cu-Catalyzed Concise Synthesis of Pyridines and 2-(1 <i>H</i>)-Pyridones from Acetaldehydes and Simple Nitrogen Donors. <i>Organic Letters</i> , 2015, 17, 584-587.	2.4	67
87	Cu- or Fe-catalyzed C-H/C-C bond nitrogenation reactions for the direct synthesis of N-containing compounds. <i>Organic Chemistry Frontiers</i> , 2015, 2, 403-415.	2.3	68
88	TEMP and copper cocatalyzed oxygenation of ketones with molecular oxygen: chemoselective synthesis of α-ketoesters. <i>Organic Chemistry Frontiers</i> , 2015, 2, 354-359.	2.3	36
89	Synergistic Gold and Iron Dual Catalysis: Preferred Radical Addition toward Vinyl-Gold Intermediate over Alkene. <i>Journal of the American Chemical Society</i> , 2015, 137, 8912-8915.	6.6	130
90	Copper-catalyzed direct transformation of simple alkynes to alkenyl nitriles via aerobic oxidative N-incorporation. <i>Chemical Science</i> , 2015, 6, 6355-6360.	3.7	29

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91	Rh-Catalyzed Construction of Quinolin-2(1 <i>H</i>)-ones via C-H Bond Activation of Simple Anilines with CO and Alkynes. <i>Journal of the American Chemical Society</i> , 2015, 137, 9246-9249.	6.6	138
92	Metal-Free Nitrogenation of 2-Acetylbiphenyls: Expeditious Synthesis of Phenanthridines. <i>Organic Letters</i> , 2015, 17, 2206-2209.	2.4	58
93	Mn-Catalyzed Highly Efficient Aerobic Oxidative Hydroxyazidation of Olefins: A Direct Approach to β -Azido Alcohols. <i>Journal of the American Chemical Society</i> , 2015, 137, 6059-6066.	6.6	269
94	CsOH catalyzed aerobic oxidative synthesis of p-quinols from multi-alkyl phenols under mild conditions. <i>Science China Chemistry</i> , 2015, 58, 1334-1339.	4.2	12
95	Copper-Catalyzed Aerobic Oxidative C-C Bond Cleavage of Unstrained Ketones with Air and Amines. <i>Organic Letters</i> , 2015, 17, 2542-2545.	2.4	79
96	An Iron-Catalyzed Direct Approach to Amides from Benzyl Azides via C-C Bond Cleavage. <i>Synthesis</i> , 2015, 47, 2971-2975.	1.2	3
97	Silver-Catalyzed Decarboxylative Azidation of Aliphatic Carboxylic Acids. <i>Organic Letters</i> , 2015, 17, 4702-4705.	2.4	103
98	Ligand-Promoted Pd-Catalyzed Oxime Ether Directed C-H Hydroxylation of Arenes. <i>ACS Catalysis</i> , 2015, 5, 6148-6152.	5.5	92
99	CAN-Catalyzed Rapid C=O Bond Formation towards α -Aminoxylation of Ketones. <i>Synlett</i> , 2014, 25, 2717-2720.	1.0	19
100	Copper-Catalyzed Aerobic Oxidative C-C Bond Cleavage of 1,3-Diaryl β -diketones To Synthesize 1,2-Diketones. <i>Synlett</i> , 2014, 25, 1458-1460.	1.0	19
101	Direct Approaches to Nitriles via Highly Efficient Nitrogenation Strategy through C-H or C-C Bond Cleavage. <i>Accounts of Chemical Research</i> , 2014, 47, 1137-1145.	7.6	242
102	The direct C-H halogenations of indoles. <i>Tetrahedron Letters</i> , 2014, 55, 2243-2245.	0.7	30
103	Highly Efficient C-H Hydroxylation of Carbonyl Compounds with Oxygen under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 548-552.	7.2	189
104	Copper-Catalyzed Aerobic Oxidative C-C Bond Cleavage for C-N Bond Formation: From Ketones to Amides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6528-6532.	7.2	172
105	Metal-free nitro-carbocyclization of activated alkenes: a direct approach to synthesize oxindoles by cascade C-N and C-C bond formation. <i>Chemical Communications</i> , 2014, 50, 554-556.	2.2	165
106	Transition-metal-catalyzed ketone-directed ortho-C-H functionalization reactions. <i>Tetrahedron Letters</i> , 2014, 55, 1121-1126.	0.7	114
107	A Cu-catalyzed practical approach to α -ketoesters under air: an efficient aerobic oxidative dehydrogenative coupling of alcohols and α -carbonyl aldehydes. <i>Organic Chemistry Frontiers</i> , 2014, 1, 109.	2.3	46
108	NBS mediated nitriles synthesis through C=C double bond cleavage. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1198.	1.5	34

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109	PdCl ₂ catalyzed efficient assembly of organic azides, CO, and alcohols under mild conditions: a direct approach to synthesize carbamates. <i>Chemical Communications</i> , 2014, 50, 3706.	2.2	79
110	Pd/Cu-cocatalyzed Aerobic Oxidative Carbonylative Homocoupling of Arylboronic Acids and CO: A Highly Selective Approach to Diaryl Ketones. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2411-2414.	1.7	24
111	From Ketones to Esters by a Cu-Catalyzed Highly Selective C(CO)-C(alkyl) Bond Cleavage: Aerobic Oxidation and Oxygenation with Air. <i>Journal of the American Chemical Society</i> , 2014, 136, 14858-14865.	6.6	202
112	Recent Advances in Transition-Metal-Catalyzed Functionalization of Unstrained Carbon-Carbon Bonds. <i>Chemical Reviews</i> , 2014, 114, 8613-8661.	23.0	784
113	Iron-catalyzed aerobic difunctionalization of alkenes: a highly efficient approach to construct oxindoles by C-S and C-C bond formation. <i>Chemical Communications</i> , 2014, 50, 4115.	2.2	146
114	Dehydrogenative N-incorporation: A Direct Approach to Quinoxaline N-Oxides under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10495-10499.	7.2	96
115	Brønsted acid mediated nitrogenation of propargylic alcohols: an efficient approach to alkenyl nitriles. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4324.	1.5	32
116	Cu-mediated C-H cyanation of arenes using N,N-dimethylformamide (DMF) as the CN-source. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1176-1179.	2.3	47
117	Copper-Catalyzed Oxoazidation and Alkoxyazidation of Indoles. <i>Organic Letters</i> , 2014, 16, 2302-2305.	2.4	132
118	Ceric Ammonium Nitrate (CAN) Catalyzed Modification of Ketones via Two C-C Bond Cleavages with the Retention of the Oxo-Group. <i>Organic Letters</i> , 2014, 16, 3388-3391.	2.4	45
119	Copper-catalyzed direct oxidative annulation of N-iminopyridinium ylides with terminal alkynes using O ₂ as oxidant. <i>Chemical Communications</i> , 2013, 49, 4250-4252.	2.2	87
120	Catalyst-Controlled Highly Selective Coupling and Oxygenation of Olefins: A Direct Approach to Alcohols, Ketones, and Diketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9808-9812.	7.2	182
121	TEMPO-catalyzed Aerobic Oxygenation and Nitrogenation of Olefins via C=C Double-Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2013, 135, 11692-11695.	6.6	213
122	Recyclable copper catalyzed nitrogenation of biphenyl halides: a direct approach to carbazoles. <i>Chemical Communications</i> , 2013, 49, 3473.	2.2	63
123	Pd-Catalyzed Tandem C-H Azidation and N-N Bond Formation of Arylpyridines: A Direct Approach to Pyrido[1,2-b]indazoles. <i>Organic Letters</i> , 2013, 15, 4262-4265.	2.4	66
124	Direct Transformation of Methyl Imines to α-Chloronitriles under Mild and Transition-Metal-Free Conditions. <i>Chemistry - A European Journal</i> , 2013, 19, 11199-11202.	1.7	33
125	Cu-Catalyzed Esterification Reaction via Aerobic Oxygenation and C-C Bond Cleavage: An Approach to α-Ketoesters. <i>Journal of the American Chemical Society</i> , 2013, 135, 15257-15262.	6.6	231
126	Cu-catalyzed decarboxylative coupling of propiolic acids with boronic acids. <i>Tetrahedron Letters</i> , 2013, 54, 1951-1955.	0.7	32

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127	Silver-Catalyzed Nitrogenation of Alkynes: A Direct Approach to Nitriles through C ₁ ½C Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6677-6680.	7.2	167
128	Pd(II)-catalyzed aerobic oxidative intramolecular hydroamination and C-H functionalization of N-alkynyl anilines for the synthesis of indole derivatives. <i>Tetrahedron</i> , 2013, 69, 4408-4414.	1.0	20
129	PdCl ₂ and N-Hydroxyphthalimide Co-catalyzed C-H Hydroxylation by Dioxygen Activation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5827-5831.	7.2	201
130	Ru(ii)-catalyzed intermolecular C-H amidation of weakly coordinating ketones. <i>Chemical Communications</i> , 2013, 49, 5654.	2.2	146
131	Copper-Catalyzed Oxidative Transformation of Aryl Propargylic Azides to Aryl Propionitriles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1207-1210.	2.1	14
132	Rh-Catalyzed Diarylamine Synthesis by Intermolecular C-H Amination of Heteroarylarenes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7480-7483.	1.2	41
133	Selective C _{sp} Bond Cleavage: The Nitrogenation of Alkynes to Amides. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7850-7854.	7.2	93
134	Ag-Promoted Azido-Carbocyclization of Activated Alkenes via C-H Bond Cleavage. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2932-2935.	1.7	81
135	Copper-Catalyzed C-H Azidation of Anilines under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2012, 134, 18924-18927.	6.6	245
136	Iron-Facilitated Oxidative Dehydrogenative C-O Bond Formation by Propargylic C-H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10823-10826.	7.2	52
137	Synthesis of Oxazoles through Copper-Mediated Aerobic Oxidative Dehydrogenative Annulation and Oxygenation of Aldehydes and Amines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11367-11370.	7.2	116
138	Et ₃ N-catalyzed oxidative dehydrogenative coupling of 1-unsubstituted aldehydes and ketones with aryl diamines leading to quinoxalines using molecular oxygen as oxidant. <i>Tetrahedron</i> , 2012, 68, 5258-5262.	1.0	53
139	N,N-Dimethylformamide: A Multipurpose Building Block. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9226-9237.	7.2	370
140	Mn-promoted Aerobic Oxidative C-C Bond Cleavage of Aldehydes with Dioxygen Activation: A Simple Synthetic Approach to Formamides. <i>Organic Letters</i> , 2012, 14, 2362-2365.	2.4	100
141	2,4- vs 3,4-Disubstituted Pyrrole Synthesis Switched by Copper and Nickel Catalysts. <i>Organic Letters</i> , 2012, 14, 4926-4929.	2.4	111
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