Ning Jiao

List of Publications by Year
in descending order

184 papers	19,449 citations	7096 78 h-index	12272 133 g-index
255 all docs	255 docs citations	255 times ranked	10355 citing authors

#	Article	IF	Citations
1	Prroles 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.	4.5	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.	5.5	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.	5.5	8
5	Catalytic Electrophilic Halogenation of Arenes with Electron-Withdrawing Substituents. Journal of the American Chemical Society, 2022, 144, 13415-13425.	13.7	40
6	Electrochemical Oxidation Induced Selective Câ€“C Bond Cleavage. Chemical Reviews, 2021, 121, 485-505.	47.7	251
7	Nâ€Heterocyclic Carbene Catalyzed Ester Synthesis from Organic Halides through Incorporation of Oxygen Atoms from Air. Angewandte Chemie, 2021, 133, 2168-2172.	2.0	6
8	Electrochemically induced nickel catalysis for oxygenation reactions with water. Nature Catalysis, 2021, 4, 116-123.	34.4	65
9	Oxoammonium salts are catalysing efficient and selective halogenation of olefins, alkynes and aromatics. Nature Communications, 2021, 12, 3873.	12.8	41
10	Cleaving arene rings for acyclic alkenylnitrile synthesis. Nature, 2021, 597, 64-69.	27.8	46
11	Radical 1,4/5â€Amino Shift Enables Access to Fluoroalkylâ€Containing Primary Î²(Î³)â€Aminoketones under Metalâ€Free Conditions. Angewandte Chemie - International Edition, 2021, 60, 26308-26313.	13.8	16
12	Selective Carbonâ€Carbon Bond Amination with Redoxâ€Active Aminating Reagents: A Direct Approach to Anilines â€. Chinese Journal of Chemistry, 2021, 39, 3011.	4.9	8
13	Molecular oxygen-mediated oxygenation reactions involving radicals. Chemical Society Reviews, 2021, 50, 8067-8101.	38.1	123
14	Cu(I)-Catalyzed [2 + 2 + 1] Cycloaddition of Amines, Alkynes, and Ketenes: An Umpolung and Regioselective Approach to Full-Substituted Î²-Pyrrolinones. Organic Letters, 2021, 23, 762-766.	4.6	13
15	Nâ€Heterocyclic Carbene Catalyzed Ester Synthesis from Organic Halides through Incorporation of Oxygen Atoms from Air. Angewandte Chemie - International Edition, 2021, 60, 2140-2144.	13.8	21
16	DMSO-catalysed late-stage chlorination of (hetero)arenes. Nature Catalysis, 2020, 3, 107-115.	34.4	122
17	Nitromethane as a nitrogen donor in Schmidt-type formation of amides and nitriles. Science, 2020, 367, 281-285.	12.6	81
18	DMSOâ€Enabled Selective Radical Oâ€“H Activation of 1,3(4)â€Diols. Angewandte Chemie - International Edition, 2020, 59, 19851-19856.	13.8	33

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19	DMSOâ€Enabled Selective Radical Oâ€“H Activation of 1,3(4)â€Diols. Angewandte Chemie, 2020, 132, 20023-20028.	2.0	10
20	Efficient <scp>Pdâ€Catalyzed</scp> Câ€“H Oxidative Bromination of Arenes with Dimethyl Sulfoxide and Hydrobromic Acid^{â€}. Chinese Journal of Chemistry, 2020, 38, 1245-1251.	4.9	14
21	Intramolecular Csp³â€“H/Câ€“C bond amination of alkyl azides for the selective synthesis of cyclic imines and tertiary amines. Chemical Science, 2020, 11, 4482-4487.	7.4	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. European Journal of Medicinal Chemistry, 2020, 201, 112445.	5.5	17
23	Nitromethane-Enabled Fluorination of Styrenes and Arenes. CCS Chemistry, 2020, 2, 566-575.	7.8	17
24	Selective Dealkenylative Functionalization of Styrenes via C-C Bond Cleavage. Research, 2020, 2020, 7947029.	5.7	7
25	Cu-catalyzed oxygenation of alkene-tethered amides with O₂viaunactivated Cî€C bond cleavage: a direct approach to cyclic imides. Chemical Science, 2019, 10, 9099-9103.	7.4	26
26	A metal-free desulfurizing radical reductive Câ€“C coupling of thiols and alkenes. Chemical Communications, 2019, 55, 10583-10586.	4.1	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. Journal of Medicinal Chemistry, 2019, 62, 6645-6664.	6.4	38
28	Selective Aerobic Oxygenation of Tertiary Allylic Alcohols with Molecular Oxygen. Angewandte Chemie, 2019, 131, 11144-11148.	2.0	4
29	Special issue on organic free radical chemistry. Science China Chemistry, 2019, 62, 1423-1424.	8.2	0
30	Efficient Electrocatalysis for the Preparation of (Hetero)aryl Chlorides and Vinyl Chloride with 1,2â€Dichloroethane. Angewandte Chemie - International Edition, 2019, 58, 4566-4570.	13.8	108
31	Efficient Electrocatalysis for the Preparation of (Hetero)aryl Chlorides and Vinyl Chloride with 1,2â€Dichloroethane. Angewandte Chemie, 2019, 131, 4614-4618.	2.0	17
32	Selective Aerobic Oxygenation of Tertiary Allylic Alcohols with Molecular Oxygen. Angewandte Chemie - International Edition, 2019, 58, 11028-11032.	13.8	23
33	Efficient and practical synthesis of unsymmetrical disulfides via base-catalyzed aerobic oxidative dehydrogenative coupling of thiols. Organic Chemistry Frontiers, 2019, 6, 2220-2225.	4.5	66
34	Titelbild: Efficient Electrocatalysis for the Preparation of (Hetero)aryl Chlorides and Vinyl Chloride with 1,2â€Dichloroethane (Angew. Chem. 14/2019). Angewandte Chemie, 2019, 131, 4459-4459.	2.0	0
35	Acetonitrile Activation: An Effective Twoâ€Carbon Unit for Cyclization. Angewandte Chemie, 2019, 131, 4420-4424.	2.0	6
36	Oxidative Î²-Halogenation of Alcohols: A Concise and Diastereoselective Approach to Halohydrins. Synlett, 2019, 30, 437-441.	1.8	5

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37	Electrochemically Oxidative Câ€“C Bond Cleavage of Alkylarenes for Anilines Synthesis. ACS Catalysis, 2019, 9, 2063-2067.	11.2	69
38	From alkylarenes to anilines via site-directed carbonâ€“carbon amination. Nature Chemistry, 2019, 11, 71-77.	13.6	102
39	Acetonitrile Activation: An Effective Twoâ€Carbon Unit for Cyclization. Angewandte Chemie - International Edition, 2019, 58, 4376-4380.	13.8	21
40	Chemoselective Nitrosylation of Anilines and Alkynes via Fragmentary or Complete NO Incorporation. CheM, 2018, 4, 1427-1442.	11.7	25
41	Cu-Catalyzed Aerobic Oxidative Sulfuration/Annulation Approach to Thiazoles via Multiple Csp³â€“H Bond Cleavage. Organic Letters, 2018, 20, 2632-2636.	4.6	71
42	Copper-Catalyzed Oxygenation Approach to Oxazoles from Amines, Alkynes, and Molecular Oxygen. Organic Letters, 2018, 20, 2762-2765.	4.6	47
43	Homogeneous Oxygenase Catalysis. Chemical Reviews, 2018, 118, 4912-4945.	47.7	119
44	Rhâ€catalyzed Transient Directing Group Promoted Câ€”H Amidation of Benzaldehydes Utilizing Dioxazolones. Chinese Journal of Chemistry, 2018, 36, 213-216.	4.9	46
45	Metalâ€Free I₂â€Catalyzed Highly Selective Dehydrogenative Coupling of Alcohols and Cyclohexenones. Chinese Journal of Chemistry, 2018, 36, 233-240.	4.9	9
46	Photoredox-catalyzed hydroxyfluoroalkylation of alkene with simple fluoroalkyl iodides. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 355, 194-201.	3.9	13
47	Silver-catalyzed remote Csp3-H functionalization of aliphatic alcohols. Nature Communications, 2018, 9, 2625.	12.8	95
48	Photoinduced Câ€”C Bond Cleavage and Oxidation of Cycloketoxime Esters. Chinese Journal of Chemistry, 2018, 36, 995-999.	4.9	55
49	Direct Synthesis of Structurally Divergent Indole Alkaloids from Simple Chemicals. Chinese Journal of Chemistry, 2018, 36, 815-818.	4.9	20
50	Cs₂CO₃â€Catalyzed Aerobic Oxidative Crossâ€Dehydrogenative Coupling of Thiols with Phosphonates and Arenes. Angewandte Chemie - International Edition, 2017, 56, 2487-2491.	13.8	145
51	Cs₂CO₃â€Catalyzed Aerobic Oxidative Crossâ€Dehydrogenative Coupling of Thiols with Phosphonates and Arenes. Angewandte Chemie, 2017, 129, 2527-2531.	2.0	32
52	<scp>KI</scp> Catalyzed Nitrogenation of Aldehydes and Alcohols: Direct Synthesis of Carbamoyl Azides and Ureas. Chinese Journal of Chemistry, 2017, 35, 845-848.	4.9	13
53	Feâ€Catalyzed Amination of (Hetero)Arenes with a Redoxâ€Active Aminating Reagent under Mild Conditions. Chemistry - A European Journal, 2017, 23, 563-567.	3.3	91
54	Oxygenation via Câ€“H/Câ€“C Bond Activation with Molecular Oxygen. Accounts of Chemical Research, 2017, 50, 1640-1653.	15.6	366

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55	Azidofluoroalkylation of Alkenes with Simple Fluoroalkyl Iodides Enabled by Photoredox Catalysis. Organic Letters, 2017, 19, 4738-4741.	4.6	83
56	Oxygenation of Simple Olefins through Selective Allylic Câ˜'C Bond Cleavage: A Direct Approach to Cinnamyl Aldehydes. Angewandte Chemie, 2017, 129, 12102-12106.	2.0	2
57	Oxygenation of Simple Olefins through Selective Allylic Câ˜'C Bond Cleavage: A Direct Approach to Cinnamyl Aldehydes. Angewandte Chemie - International Edition, 2017, 56, 11940-11944.	13.8	22
58	Selective Î±â€Oxyamination and Hydroxylation of Aliphatic Amides. Angewandte Chemie, 2017, 129, 12475-12479.	2.0	9
59	Reoxidation of Transitionâ€metal Catalysts with O₂. Chinese Journal of Chemistry, 2017, 35, 1349-1365.	4.9	27
60	Selective Î±â€Oxyamination and Hydroxylation of Aliphatic Amides. Angewandte Chemie - International Edition, 2017, 56, 12307-12311.	13.8	37
61	Rh-catalyzed aerobic oxidative cyclization of anilines, alkynes, and CO. Chemical Science, 2017, 8, 6266-6273.	7.4	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. Acta Chimica Sinica, 2017, 75, 1202.	1.4	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. Molecules, 2016, 21, 352.	3.8	102
68	Rhâ€Catalyzed Direct Amination of Unactivated C(sp³)â˜'H bond with Anthranils Under Mild Conditions. Chemistry - A European Journal, 2016, 22, 11165-11169.	3.3	81
69	Ag-catalyzed Câ€"H/Câ€"C bond functionalization. Chemical Society Reviews, 2016, 45, 4590-4627.	38.1	284
70	Rh- and Cu-Cocatalyzed Aerobic Oxidative Approach to Quinazolines via [4 + 2] Câ€"H Annulation with Alkyl Azides. Organic Letters, 2016, 18, 2150-2153.	4.6	83
71	Pd-catalyzed dehydrogenative annulation approach for the efficient synthesis of phenanthridinones. Chemical Science, 2016, 7, 5384-5389.	7.4	76
72	Silver-Catalyzed Radical Transformation of Aliphatic Carboxylic Acids to Oxime Ethers. ACS Catalysis, 2016, 6, 6465-6472.	11.2	51

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73	Conversion of Simple Cyclohexanones into Catechols. Journal of the American Chemical Society, 2016, 138, 12271-12277.	13.7	141
74	Direct Tryptophols Synthesis from 2-Vinylanilines and Alkynes via Câ‰¡C Triple Bond Cleavage and Dioxygen Activation. Journal of the American Chemical Society, 2016, 138, 13147-13150.	13.7	83
75	A highly efficient metal-free approach to meta- and multiple-substituted phenols via a simple oxidation of cyclohexenones. Green Chemistry, 2016, 18, 6462-6467.	9.0	64
76	Dioxygen-Promoted Pd-Catalyzed Aminocarbonylation of Organoboronic Acids with Amines and CO: A Direct Approach to Tertiary Amides. Organic Letters, 2016, 18, 5852-5855.	4.6	43
77	Cationic Cobalt(III) Catalyzed Indole Synthesis: The Regioselective Intermolecular Cyclization of Nâ€Nitrosoanilines and Alkynes. Angewandte Chemie, 2016, 128, 4103-4107.	2.0	58
78	Cationic Cobalt(III) Catalyzed Indole Synthesis: The Regioselective Intermolecular Cyclization of Nâ€Nitrosoanilines and Alkynes. Angewandte Chemie - International Edition, 2016, 55, 4035-4039.	13.8	190
79	Splitting a Substrate into Three Parts: Goldâ€Catalyzed Nitrogenation of Alkynes by Cï£¿C and Cï£½C Bond Cleavage. Angewandte Chemie - International Edition, 2016, 55, 350-354.	13.8	70
80	NHPI and palladium cocatalyzed aerobic oxidative acylation of arenes through a radical process. Chemical Communications, 2016, 52, 1416-1419.	4.1	50
81	Cationic Cobalt(III)â€Catalyzed Aryl and Alkenyl Cï£¿H Amidation: A Mild Protocol for the Modification of Purine Derivatives. Chemistry - A European Journal, 2015, 21, 16395-16399.	3.3	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. Organic Letters, 2015, 17, 2886-2889.	4.6	206
83	Cu-Catalyzed Transformation of Alkynes and Alkenes with Azide and Dimethyl Sulfoxide Reagents. Organic Letters, 2015, 17, 6186-6189.	4.6	78
84	Aerobic Oxidation of Pd^{II} to Pd^{IV} by Active Radical Reactants: Direct Câ€“H Nitration and Acylation of Arenes via Oxygenation Process with Molecular Oxygen. ACS Catalysis, 2015, 5, 1956-1963.	11.2	194
85	I₂- or NBS-Catalyzed Highly Efficient Î±-Hydroxylation of Ketones with Dimethyl Sulfoxide. Organic Letters, 2015, 17, 876-879.	4.6	133
86	Cu-Catalyzed Concise Synthesis of Pyridines and 2-(1H)-Pyridones from Acetaldehydes and Simple Nitrogen Donors. Organic Letters, 2015, 17, 584-587.	4.6	67
87	Cu- or Fe-catalyzed Câ€“H/Câ€“C bond nitrogenation reactions for the direct synthesis of N-containing compounds. Organic Chemistry Frontiers, 2015, 2, 403-415.	4.5	68
88	TEMP and copper cocatalyzed oxygenation of ketones with molecular oxygen: chemoselective synthesis of Î±-ketoesters. Organic Chemistry Frontiers, 2015, 2, 354-359.	4.5	36
89	Synergistic Gold and Iron Dual Catalysis: Preferred Radical Addition toward Vinylâ€“Gold Intermediate over Alkene. Journal of the American Chemical Society, 2015, 137, 8912-8915.	13.7	130
90	Copper-catalyzed direct transformation of simple alkynes to alkenyl nitriles via aerobic oxidative N-incorporation. Chemical Science, 2015, 6, 6355-6360.	7.4	29

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91	Rh-Catalyzed Construction of Quinolin-2(1H)-ones via Câ€“H Bond Activation of Simple Anilines with CO and Alkynes. Journal of the American Chemical Society, 2015, 137, 9246-9249.	13.7	138
92	Metal-Free Nitrogenation of 2-Acetylbiphenyls: Expeditious Synthesis of Phenanthridines. Organic Letters, 2015, 17, 2206-2209.	4.6	58
93	Mn-Catalyzed Highly Efficient Aerobic Oxidative Hydroxyazidation of Olefins: A Direct Approach to Î²-Azido Alcohols. Journal of the American Chemical Society, 2015, 137, 6059-6066.	13.7	269
94	CsOH catalyzed aerobic oxidative synthesis of p-quinols from multi-alkyl phenols under mild conditions. Science China Chemistry, 2015, 58, 1334-1339.	8.2	12
95	Copper-Catalyzed Aerobic Oxidative Câ€“C Bond Cleavage of Unstrained Ketones with Air and Amines. Organic Letters, 2015, 17, 2542-2545.	4.6	79
96	An Iron-Catalyzed Direct Approach to Amides from Benzyl Azides via Câ€“C Bond Cleavage. Synthesis, 2015, 47, 2971-2975.	2.3	3
97	Silver-Catalyzed Decarboxylative Azidation of Aliphatic Carboxylic Acids. Organic Letters, 2015, 17, 4702-4705.	4.6	103
98	Ligand-Promoted Pd-Catalyzed Oxime Ether Directed Câ€“H Hydroxylation of Arenes. ACS Catalysis, 2015, 5, 6148-6152.	11.2	92
99	CAN-Catalyzed Rapid Câ€“O Bond Formation towards Î±-Aminoxylation of Ketones. Synlett, 2014, 25, 2717-2720.	1.8	19
100	Copper-Catalyzed Aerobic Oxidative Câ€“C Bond Cleavage of 1,3-DiarylÂdiketones To Synthesize 1,2-Diketones. Synlett, 2014, 25, 1458-1460.	1.8	19
101	Direct Approaches to Nitriles via Highly Efficient Nitrogenation Strategy through Câ€“H or Câ€“C Bond Cleavage. Accounts of Chemical Research, 2014, 47, 1137-1145.	15.6	242
102	The direct Câ€“H halogenations of indoles. Tetrahedron Letters, 2014, 55, 2243-2245.	1.4	30
103	Highly Efficient Cï£¿H Hydroxylation of Carbonyl Compounds with Oxygen under Mild Conditions. Angewandte Chemie - International Edition, 2014, 53, 548-552.	13.8	189
104	Copperâ€Catalyzed Aerobic Oxidative Cï£¿C Bond Cleavage for Cï£¿N Bond Formation: From Ketones to Amides. Angewandte Chemie - International Edition, 2014, 53, 6528-6532.	13.8	172
105	Metal-free nitro-carbocyclization of activated alkenes: a direct approach to synthesize oxindoles by cascade Câ€“N and Câ€“C bond formation. Chemical Communications, 2014, 50, 554-556.	4.1	165
106	Transition-metal-catalyzed ketone-directed ortho-Câ€“H functionalization reactions. Tetrahedron Letters, 2014, 55, 1121-1126.	1.4	114
107	A Cu-catalyzed practical approach to Î±-ketoesters under air: an efficient aerobic oxidative dehydrogenative coupling of alcohols and Î±-carbonyl aldehydes. Organic Chemistry Frontiers, 2014, 1, 109.	4.5	46
108	NBS mediated nitriles synthesis through Cï€ double bond cleavage. Organic and Biomolecular Chemistry, 2014, 12, 1198.	2.8	34

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109	PdCl2 catalyzed efficient assembly of organic azides, CO, and alcohols under mild conditions: a direct approach to synthesize carbamates. Chemical Communications, 2014, 50, 3706.	4.1	79
110	Pd/Cuâ€Cocatalyzed Aerobic Oxidative Carbonylative Homocoupling of Arylboronic Acids and CO: A Highly Selective Approach to Diaryl Ketones. Chemistry - an Asian Journal, 2014, 9, 2411-2414.	3.3	24
111	From Ketones to Esters by a Cu-Catalyzed Highly Selective C(CO)â€“C(alkyl) Bond Cleavage: Aerobic Oxidation and Oxygenation with Air. Journal of the American Chemical Society, 2014, 136, 14858-14865.	13.7	202
112	Recent Advances in Transition-Metal-Catalyzed Functionalization of Unstrained Carbonâ€“Carbon Bonds. Chemical Reviews, 2014, 114, 8613-8661.	47.7	784
113	Iron-catalyzed aerobic difunctionalization of alkenes: a highly efficient approach to construct oxindoles by Câ€“S and Câ€“C bond formation. Chemical Communications, 2014, 50, 4115.	4.1	146
114	Dehydrogenative Nâ€incorporation: A Direct Approach to Quinoxaline Nâ€Oxides under Mild Conditions. Angewandte Chemie - International Edition, 2014, 53, 10495-10499.	13.8	96
115	BrÃ¸nsted acid mediated nitrogenation of propargylic alcohols: an efficient approach to alkenyl nitriles. Organic and Biomolecular Chemistry, 2014, 12, 4324.	2.8	32
116	Cu-mediated Câ€“H cyanation of arenes using N,N-dimethylformamide (DMF) as the â€œCNâ€•source. Organic Chemistry Frontiers, 2014, 1, 1176-1179.	4.5	47
117	Copper-Catalyzed Oxoazidation and Alkoxyazidation of Indoles. Organic Letters, 2014, 16, 2302-2305.	4.6	132
118	Ceric Ammonium Nitrate (CAN) Catalyzed Modification of Ketones via Two Câ€“C Bond Cleavages with the Retention of the Oxo-Group. Organic Letters, 2014, 16, 3388-3391.	4.6	45
119	Copper-catalyzed direct oxidative annulation of N-iminopyridinium ylides with terminal alkynes using O₂as oxidant. Chemical Communications, 2013, 49, 4250-4252.	4.1	87
120	Catalystâ€Controlled Highly Selective Coupling and Oxygenation of Olefins: A Direct Approach to Alcohols, Ketones, and Diketones. Angewandte Chemie - International Edition, 2013, 52, 9808-9812.	13.8	182
121	TEMPO-catalyzed Aerobic Oxygenation and Nitrogenation of Olefins via Câ•C Double-Bond Cleavage. Journal of the American Chemical Society, 2013, 135, 11692-11695.	13.7	213
122	Recyclable copper catalyzed nitrogenation of biphenyl halides: a direct approach to carbazoles. Chemical Communications, 2013, 49, 3473.	4.1	63
123	Pd-Catalyzed Tandem Câ€“H Azidation and Nâ€“N Bond Formation of Arylpyridines: A Direct Approach to Pyrido[1,2-b]indazoles. Organic Letters, 2013, 15, 4262-4265.	4.6	66
124	Direct Transformation of Methyl Imines to Î±â€iminonitriles under Mild and Transitionâ€Metalâ€Free Conditions. Chemistry - A European Journal, 2013, 19, 11199-11202.	3.3	33
125	Cu-Catalyzed Esterification Reaction via Aerobic Oxygenation and Câ€“C Bond Cleavage: An Approach to Î±-Ketoesters. Journal of the American Chemical Society, 2013, 135, 15257-15262.	13.7	231
126	Cu-catalyzed decarboxylative coupling of propiolic acids with boronic acids. Tetrahedron Letters, 2013, 54, 1951-1955.	1.4	32

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127	Silverâ€Catalyzed Nitrogenation of Alkynes: A Direct Approach to Nitriles through Cï£½C Bond Cleavage. Angewandte Chemie - International Edition, 2013, 52, 6677-6680.	13.8	167
128	Pd(II)-catalyzed aerobic oxidative intramolecular hydroamination and Câ€“H functionalization of N-alkynyl anilines for the synthesis of indole derivatives. Tetrahedron, 2013, 69, 4408-4414.	1.9	20
129	PdCl₂ and Nâ€Hydroxyphthalimide Coâ€catalyzed Cï£¿H Hydroxylation by Dioxygen Activation. Angewandte Chemie - International Edition, 2013, 52, 5827-5831.	13.8	201
130	Ru(ii)-catalyzed intermolecular Câ€“H amidation of weakly coordinating ketones. Chemical Communications, 2013, 49, 5654.	4.1	146
131	Copperâ€Catalyzed Oxidative Transformation of Aryl Propargylic Azides to Aryl Propiolonitriles. Advanced Synthesis and Catalysis, 2013, 355, 1207-1210.	4.3	14
132	Rhâ€Catalyzed Diarylamine Synthesis by Intermolecular Câ€“H Amination of Heteroarylarenes. European Journal of Organic Chemistry, 2013, 2013, 7480-7483.	2.4	41
133	Selective Cï£¿C_{sp} Bond Cleavage: The Nitrogenation of Alkynes to Amides. Angewandte Chemie - International Edition, 2013, 52, 7850-7854.	13.8	93
134	Agâ€Promoted Azidoâ€Carbocyclization of Activated Alkenes via Cï£¿H Bond Cleavage. Chemistry - an Asian Journal, 2013, 8, 2932-2935.	3.3	81
135	Copper-Catalyzed Câ€“H Azidation of Anilines under Mild Conditions. Journal of the American Chemical Society, 2012, 134, 18924-18927.	13.7	245
136	Ironâ€Facilitated Oxidative Dehydrogenative Cï£¿O Bond Formation by Propargylic Cï£¿H Functionalization. Angewandte Chemie - International Edition, 2012, 51, 10823-10826.	13.8	52
137	Synthesis of Oxazoles through Copperâ€Mediated Aerobic Oxidative Dehydrogenative Annulation and Oxygenation of Aldehydes and Amines. Angewandte Chemie - International Edition, 2012, 51, 11367-11370.	13.8	116
138	Et3N-catalyzed oxidative dehydrogenative coupling of Î±-unsubstituted aldehydes and ketones with aryl diamines leading to quinoxalines using molecular oxygen as oxidant. Tetrahedron, 2012, 68, 5258-5262.	1.9	53
139	N,Nâ€Dimethylformamide: A Multipurpose Building Block. Angewandte Chemie - International Edition, 2012, 51, 9226-9237.	13.8	370
140	Mn-promoted Aerobic Oxidative Câ€“C Bond Cleavage of Aldehydes with Dioxygen Activation: A Simple Synthetic Approach to Formamides. Organic Letters, 2012, 14, 2362-2365.	4.6	100
141	2,4- vs 3,4-Disubsituted Pyrrole Synthesis Switched by Copper and Nickel Catalysts. Organic Letters, 2012, 14, 4926-4929.	4.6	111
142	Chemoselective Synthesis of Naphthylamides and Isoquinolinones via Rhodiumâ€Catalyzed Oxidative Dehydrogenative Annulation of Benzamides with Alkynes. Advanced Synthesis and Catalysis, 2012, 354, 2695-2700.	4.3	71
143	NHC-catalyzed Câ€“O or Câ€“N bond formation: efficient approaches to Î±,Î²-unsaturated esters and amides. Chemical Communications, 2012, 48, 7280.	4.1	57
144	Metal-Free, NHPI Catalyzed Oxidative Cleavage of Câ€“C Double Bond Using Molecular Oxygen as Oxidant. Organic Letters, 2012, 14, 4158-4161.	4.6	196

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145	Recent advances in transition-metal catalyzed reactions using molecular oxygen as the oxidant. Chemical Society Reviews, 2012, 41, 3381.	38.1	1,107
146	Recent advances in copper-catalyzed dehydrogenative functionalization via a single electron transfer (SET) process. Chemical Society Reviews, 2012, 41, 3464.	38.1	938
147	Multiple Oxidative Dehydrogenative Functionalization of Arylacetaldehydes Using Molecular Oxygen as Oxidant Leading to 2â€Oxoâ€acetamidines. Advanced Synthesis and Catalysis, 2012, 354, 1293-1300.	4.3	38
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