Xiao-feng Wu

List of Publications by Year
in descending order

479	19,416	15504 65	22166 113
papers	citations	h-index	g-index

663	663	663	9076
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of Heterocycles via Palladium-Catalyzed Carbonylations. Chemical Reviews, 2013, 113, 1-35.	47.7	1,105
2	Palladium-catalyzed carbonylative coupling reactions between Arâ€“X and carbon nucleophiles. Chemical Society Reviews, 2011, 40, 4986.	38.1	849
3	From Noble Metal to Nobel Prize: Palladiumâ€Catalyzed Coupling Reactions as Key Methods in Organic Synthesis. Angewandte Chemie - International Edition, 2010, 49, 9047-9050.	13.8	515
4	Transition-Metal-Catalyzed Carbonylation Reactions of Olefins and Alkynes: A Personal Account. Accounts of Chemical Research, 2014, 47, 1041-1053.	15.6	453
5	First-Row Transition-Metal-Catalyzed Carbonylative Transformations of Carbon Electrophiles. Chemical Reviews, 2019, 119, 2090-2127.	47.7	421
6	The Chemistry of CO: Carbonylation. CheM, 2019, 5, 526-552.	11.7	364
7	Recent Developments on the Trifluoromethylation of (Hetero)Arenes. Chemistry - an Asian Journal, 2012, 7, 1744-1754.	3.3	337
8	Palladiumâ€Catalyzed Oxidative Carbonylation Reactions. ChemSusChem, 2013, 6, 229-241.	6.8	301
9	A powerful combination: recent achievements on using TBAI and TBHP as oxidation system. Organic and Biomolecular Chemistry, 2014, 12, 5807-5817.	2.8	294
10	The Applications of Dimethyl Sulfoxide as Reagent in Organic Synthesis. Advanced Synthesis and Catalysis, 2016, 358, 336-352.	4.3	277
11	Development of a General Palladium-Catalyzed Carbonylative Heck Reaction of Aryl Halides. Journal of the American Chemical Society, 2010, 132, 14596-14602.	13.7	213
12	Non-noble metal-catalysed carbonylative transformations. Chemical Society Reviews, 2018, 47, 172-194.	38.1	195
13	Recent advances in 4(3H)-quinazolinone syntheses. RSC Advances, 2014, 4, 12065-12077.	3.6	194
14	Ruthenium and Rhodiumâ€Catalyzed Carbonylation Reactions. ChemCatChem, 2012, 4, 447-458.	3.7	175
15	Palladiumâ€Catalyzed Carbonylative Cï¿¿H Activation of Heteroarenes. Angewandte Chemie - International Edition, 2010, 49, 7316-7319.	13.8	165
16	Transition Metal Catalyzed Carbonylation Reactions. , 2013, , .		161
17	Selective Palladiumâ€Catalyzed Aminocarbonylation of Aryl Halides with CO and Ammonia. Chemistry - A European Journal, 2010, 16, 9750-9753.	3.3	159
18	Palladiumâ€Catalyzed Coupling Reactions: Carbonylative Heck Reactions To Give Chalcones. Angewandte Chemie - International Edition, 2010, 49, 5284-5288.	13.8	154

#	Article	IF	Citations
19	Palladium-Catalyzed Carbonylative Transformation of C(sp³)â€“X Bonds. ACS Catalysis, 2014, 4, 2977-2989.	11.2	154
20	Zincâ€Catalyzed Organic Synthesis: Cï£¿C, Cï£¿N, Cï£¿O Bond Formation Reactions. Advanced Synthesis and Catalysis, 2012, 354, 3141-3160.	4.3	153
21	Palladium-catalyzed carbonylative transformation of aryl chlorides and aryl tosylates. RSC Advances, 2016, 6, 83831-83837.	3.6	134
22	Palladiumâ€Catalyzed Carbonylative Multicomponent Reactions. Chemistry - A European Journal, 2017, 23, 2973-2987.	3.3	131
23	Ironâ€Catalyzed Oneâ€Pot Oxidative Esterification of Aldehydes. European Journal of Organic Chemistry, 2009, 2009, 1144-1147.	2.4	125
24	Development of the First Iron Chlorideâ€Catalyzed Hydration of Terminal Alkynes. Advanced Synthesis and Catalysis, 2009, 351, 367-370.	4.3	124
25	Acylation of (Hetero)Arenes through Cï£¿H Activation with Aroyl Surrogates. Chemistry - A European Journal, 2015, 21, 12252-12265.	3.3	122
26	Palladiumâ€Catalyzed Carbonylative Synthesis of Quinazolinones from 2â€Aminobenzamide and Aryl Bromides. Chemistry - A European Journal, 2013, 19, 12635-12638.	3.3	119
27	A General and Convenient Palladiumâ€Catalyzed Carbonylative Sonogashira Coupling of Aryl Bromides. Chemistry - A European Journal, 2010, 16, 12104-12107.	3.3	113
28	Oxidative synthesis of quinazolinones and benzothiadiazine 1,1-dioxides from 2-aminobenzamide and 2-aminobenzenesulfonamide with benzyl alcohols and aldehydes. RSC Advances, 2014, 4, 8-17.	3.6	113
29	Recyclable Catalysts for Palladiumâ€Catalyzed Cï£¿O Coupling Reactions, Buchwaldâ€“Hartwig Aminations, and Sonogashira Reactions. Angewandte Chemie - International Edition, 2010, 49, 8988-8992.	13.8	105
30	Baseâ€Controlled Selectivity in the Synthesis of Linear and Angular Fused Quinazolinones by a Palladiumâ€Catalyzed Carbonylation/Nucleophilic Aromatic Substitution Sequence. Angewandte Chemie - International Edition, 2014, 53, 7579-7583.	13.8	103
31	A General Palladiumâ€Catalyzed Carbonylative Sonogashira Coupling of Aryl Triflates. Chemistry - A European Journal, 2011, 17, 106-110.	3.3	100
32	Ligandâ€•and Solventâ€Controlled Regioâ€•and Chemodivergent Carbonylative Reactions. Angewandte Chemie - International Edition, 2018, 57, 1152-1160.	13.8	99
33	Convenient and mild synthesis of nitroarenes by metal-free nitration of arylboronic acids. Chemical Communications, 2011, 47, 12462.	4.1	98
34	Cascade synthesis of quinazolinones from 2-aminobenzonitriles and aryl bromides via palladium-catalyzed carbonylation reaction. Green Chemistry, 2014, 16, 1336-1343.	9.0	95
35	Carbonylative synthesis of heterocycles involving diverse CO surrogates. Chemical Communications, 2020, 56, 6016-6030.	4.1	93
36	Development of a Second Generation Palladium Catalyst System for the Aminocarbonylation of Aryl Halides with CO and Ammonia. Chemistry - an Asian Journal, 2010, 5, 2168-2172.	3.3	91

#	Article	IF	Citations
37	Catalytic conversion of aryl triazenes into aryl sulfonamides using sulfur dioxide as the sulfonyl source. Chemical Communications, 2014, 50, 9513-9516.	4.1	91
38	No Making Without Breaking: Nitrogen-Centered Carbonylation Reactions. ACS Catalysis, 2020, 10, 6510-6531.	11.2	91
39	Cobalt-Catalyzed Direct Carbonylative Synthesis of Free (NH)-Benzo[cd]indol-2(1H)-ones from Naphthylamides. Organic Letters, 2019, 21, 5694-5698.	4.6	90
40	Nonâ€Redoxâ€Metalâ€Catalyzed Redox Reactions: Zinc Catalysts. Chemistry - an Asian Journal, 2012, 7, 2502-2509.	3.3	88
41	Aryl Formate as Bifunctional Reagent: Applications in Palladiumâ€Catalyzed Carbonylative Coupling Reactions Using In Situ Generated CO. Angewandte Chemie - International Edition, 2014, 53, 3183-3186.	13.8	88
42	Lewis acid-catalyzed oxidation of benzylamines to benzamides. Chemical Communications, 2012, 48, 12237.	4.1	85
43	C-F bond activation under transition-metal-free conditions. Science China Chemistry, 2021, 64, 1630-1659.	8.2	85
44	A Convenient Palladiumâ€Catalyzed Carbonylative Suzuki Coupling of Aryl Halides with Formic Acid as the Carbon Monoxide Source. Chemistry - A European Journal, 2015, 21, 17650-17656.	3.3	84
45	Copperâ€Catalyzed Carbonylative Coupling of Cycloalkanes and Amides. Angewandte Chemie - International Edition, 2016, 55, 7227-7230.	13.8	84
46	Palladium-Catalyzed Carbonylative Synthesis of Benzoxazinones from N-(o-Bromoaryl)amides Using Paraformaldehyde as the Carbonyl Source. Journal of Organic Chemistry, 2014, 79, 10410-10416.	3.2	83
47	Palladiumâ€Catalyzed Aminosulfonylation of Aryl Iodides by using Na₂SO₃ as the SO₂ Source. European Journal of Organic Chemistry, 2014, 2014, 3101-3103.	2.4	81
48	Convenient and General Palladiumâ€Catalyzed Carbonylative Sonogashira Coupling of Aryl Amines. Angewandte Chemie - International Edition, 2011, 50, 11142-11146.	13.8	80
49	Visible Lightâ€Induced Carbonylation Reactions with Organic Dyes as the Photosensitizers. ChemSusChem, 2016, 9, 2279-2283.	6.8	79
50	The First Zn^{II}â€Catalyzed Oxidative Amidation of Benzyl Alcohols with Amines under Solventâ€Free Conditions. European Journal of Organic Chemistry, 2013, 2013, 2783-2787.	2.4	78
51	Ligandâ€Free Iron/Copperâ€Cocatalyzed Amination of Aryl Iodides. European Journal of Organic Chemistry, 2009, 2009, 4753-4756.	2.4	76
52	Highly Efficient Fourâ€Component Synthesis of 4(3H)â€Quinazolinones: Palladiumâ€Catalyzed Carbonylative Coupling Reactions. Angewandte Chemie - International Edition, 2014, 53, 1420-1424.	13.8	76
53	Palladiumâ€Catalyzed Carbonylative Cyclization of Arenes by Cï£¿H Bond Activation with DMF as the Carbonyl Source. Chemistry - A European Journal, 2015, 21, 16370-16373.	3.3	76
54	Benzene-1,3,5-triyl triformate (TFBen): a convenient, efficient, and non-reacting CO source in carbonylation reactions. Tetrahedron Letters, 2016, 57, 3368-3370.	1.4	75

#	Article	IF	Citations
55	A convenient palladium-catalyzed carbonylative synthesis of 4(3H)-quinazolinones from 2-bromoformanilides and organo nitros with Mo(CO)₆ as a multiple promoter. Green Chemistry, 2014, 16, 3763-3767.	9.0	74
56	Palladiumâ€Catalyzed Oneâ€Pot Carbonylative Sonogashira Reaction Employing Formic acid as the CO Source. Chemistry - an Asian Journal, 2015, 10, 1870-1873.	3.3	74
57	Recent Achievements in Carbonylation Reactions: A Personal Account. Synlett, 2017, 28, 175-194.	1.8	74
58	Convenient Carbonylation of Aryl Bromides with Phenols to Form Aryl Esters by Applying a Palladium/Diâ€1â€adamantylâ€nâ€butylphosphine Catalyst. ChemCatChem, 2010, 2, 509-513.	3.7	72
59	A Convenient Palladiumâ€Catalyzed Reductive Carbonylation of Aryl Iodides with Dual Role of Formic Acid. Chemistry - A European Journal, 2016, 22, 5835-5838.	3.3	69
60	Palladium-catalyzed Sonogashira reactions of aryl amines with alkynes via in situ formation of arenediazonium salts. Chemical Communications, 2011, 47, 7959.	4.1	68
61	Palladiumâ€Catalyzed Carbonylative Fourâ€Component Synthesis of Thiochromenones: The Advantages of a Reagent Capsule. Angewandte Chemie - International Edition, 2016, 55, 5067-5070.	13.8	67
62	Copperâ€Catalyzed Carbonylative Coupling of Cycloalkanes and Amides. Angewandte Chemie, 2016, 128, 7343-7346.	2.0	67
63	Copper-Catalyzed Carbonylative Synthesis of Aliphatic Amides from Alkanes and Primary Amines via C_(sp3)â€“H Bond Activation. ACS Catalysis, 2016, 6, 5561-5564.	11.2	67
64	Lewis Base Effects in the Baylisâ€“Hillman Reaction of Arenecarbaldehydes and N-Arylidene-4-methylbenzenesulfonamides with Î±,Î²-Unsaturated Cyclic Ketones. European Journal of Organic Chemistry, 2002, 2002, 3666-3679.	2.4	66
65	Progress in Carbonylativeâ€Heck Reactions of Aryl Bromides: Catalysis and DFT Studies. ChemCatChem, 2011, 3, 726-733.	3.7	65
66	Palladiumâ€Catalyzed Carbonylative [3+2+1] Annulation of Nâ€Arylâ€Pyridineâ€2â€Amines with Internal Alkynes by Cï£¿H Activation: Facile Synthesis of 2â€Quinolinones. Chemistry - A European Journal, 2014, 20, 14189-14193.	3.3	64
67	Synthesis of Carboxylic Acids and Esters from CO2. Topics in Current Chemistry, 2017, 375, 4.	5.8	64
68	Palladiumâ€Catalyzed Carbonylative Suzuki Coupling of Benzyl Halides with Potassium Aryltrifluoroborates in Aqueous Media. Advanced Synthesis and Catalysis, 2011, 353, 788-792.	4.3	63
69	Palladium-catalyzed carbonylative coupling of benzyl chlorides with aryl boronic acids in aqueous media. Tetrahedron Letters, 2010, 51, 6146-6149.	1.4	62
70	Direct Câ€“H Bond Borylation of (Hetero)Arenes: Evolution from Noble Metal to Metal Free. Angewandte Chemie - International Edition, 2020, 59, 1770-1774.	13.8	61
71	Gallic Acid-Promoted SET Process for Cyclobutanone Oximes Activation and (Carbonylative-)Alkylation of Olefins. ACS Catalysis, 2018, 8, 10926-10930.	11.2	60
72	A general and selective zinc-catalyzed oxidation of sulfides to sulfoxides. Tetrahedron Letters, 2012, 53, 4328-4331.	1.4	59

#	Article	IF	Citations
73	Palladium-catalyzed alkoxycarbonylation of aryl halides with phenols employing formic acid as the CO source. Catalysis Science and Technology, 2016, 6, 3099-3107.	4.1	59
74	A Convenient and General Palladiumâ€Catalyzed Carbonylative Coupling for the Synthesis of 2â€Arylbenzoxazinones. Chemistry - A European Journal, 2011, 17, 12246-12249.	3.3	58
75	Copperâ€Catalyzed Regioselective Borocarbonylative Coupling of Unactivated Alkenes with Alkyl Halides: Synthesis of Î²â€Boryl Ketones. Angewandte Chemie - International Edition, 2020, 59, 10451-10455.	13.8	57
76	Zinc-catalyzed oxidative esterification of aromatic aldehydes. Tetrahedron Letters, 2012, 53, 3397-3399.	1.4	56
77	Pd/C as an efficient heterogeneous catalyst for carbonylative four-component synthesis of 4(3H)-quinazolinones. Catalysis Science and Technology, 2015, 5, 4474-4480.	4.1	55
78	Palladiumâ€Catalyzed Carbonylative Heck Reaction of Aryl Bromides with Vinyl Ethers to 3â€Alkoxy Alkenones and Pyrazoles. Chemistry - A European Journal, 2012, 18, 4827-4831.	3.3	54
79	A General and Efficient Zincâ€Catalyzed Oxidation of Benzyl Alcohols to Aldehydes and Esters. Chemistry - A European Journal, 2012, 18, 8912-8915.	3.3	54
80	Transition metalâ€catalyzed oxidative transformations of methylarenes. Applied Organometallic Chemistry, 2015, 29, 63-86.	3.5	54
81	Palladium-catalyzed intermolecular transthioetherification of aryl halides with thioethers and thioesters. Chemical Science, 2020, 11, 2187-2192.	7.4	54
82	Palladiumâ€Catalyzed Carbonylation Reaction of Aryl Bromides with 2â€Hydroxyacetophenones to Form Flavones. Chemistry - A European Journal, 2012, 18, 12595-12598.	3.3	53
83	Towards a Practical and Efficient Copper-Catalyzed Trifluoromethylation of Aryl Halides. Topics in Catalysis, 2012, 55, 426-431.	2.8	53
84	Palladiumâ€Catalyzed Ligandâ€Controlled Selective Synthesis of Aldehydes and Acids from Aryl Halides and Formic Acid. ChemCatChem, 2017, 9, 3121-3124.	3.7	52
85	Palladium-Catalyzed Carbonylative Synthesis of Î±,Î²-Unsaturated Amides from Styrenes and Nitroarenes. Organic Letters, 2018, 20, 4988-4993.	4.6	52
86	The Applications of (Para)formaldehyde in Metalâ€Catalyzed Organic Synthesis. Advanced Synthesis and Catalysis, 2015, 357, 3393-3418.	4.3	51
87	Palladium-Catalyzed Carbonylative Dearomatization of Indoles. Organic Letters, 2019, 21, 5264-5268.	4.6	51
88	Base mediated synthesis of 2-aryl-2,3-dihydroquinazolin-4(1H)-ones from 2-aminobenzonitriles and aromatic aldehydes in water. Organic and Biomolecular Chemistry, 2014, 12, 1865.	2.8	50
89	Copperâ€Catalyzed Carbonylative Hydroamidation of Styrenes to Branched Amides. Angewandte Chemie - International Edition, 2020, 59, 22441-22445.	13.8	50
90	Fourâ€Component Borocarbonylation of Vinylarenes Enabled by Cooperative Cu/Pd Catalysis: Access to Î²â€Boryl Ketones and Î²â€Boryl Vinyl Esters. Angewandte Chemie - International Edition, 2020, 59, 17055-17061.	13.8	50

#	Article	IF	Citations
91	Palladium-Catalyzed Regioselective Carbonylative Coupling/Amination of Aryl Iodides with Unactivated Alkenes: Efficient Synthesis of Î²-Aminoketones. ACS Catalysis, 2019, 9, 2977-2983.	11.2	49
92	A Convenient Palladiumâ€Catalyzed Carbonylative Synthesis of 2â€Aminbenzoxazinones from 2â€Bromoanilines and Isocyanates. Chemistry - A European Journal, 2013, 19, 6230-6233.	3.3	48
93	Iridiumâ€Catalyzed Carbonylative Synthesis of Chromenones from Simple Phenols and Internal Alkynes at Atmospheric Pressure. Angewandte Chemie - International Edition, 2016, 55, 14151-14154.	13.8	48
94	Palladium-Catalyzed Carbonylative Synthesis of Isoindolinones from Benzylamines with TFBen as the CO Source. Journal of Organic Chemistry, 2019, 84, 1421-1429.	3.2	48
95	Copper-Catalyzed Synthesis of Stereodefined Cyclopropyl Bis(boronates) from Alkenes with CO as the C1 Source. Journal of the American Chemical Society, 2020, 142, 14074-14079.	13.7	48
96	Palladium-catalyzed enantioselective carbonylation reactions. Science China Chemistry, 2022, 65, 441-461.	8.2	48
97	A General Palladiumâ€Catalyzed Aminocarbonylation of Phenols to Primary Benzamides via In Situ Generation of Aryl Nonaflates. Chemistry - A European Journal, 2012, 18, 419-422.	3.3	47
98	Selective palladium-catalyzed carbonylative synthesis of aurones with formic acid as the CO source. RSC Advances, 2016, 6, 62810-62813.	3.6	47
99	Palladium-Catalyzed Carbonylative Transformation of Organic Halides with Formic Acid as the Coupling Partner and CO Source: Synthesis of Carboxylic Acids. Journal of Organic Chemistry, 2017, 82, 9710-9714.	3.2	47
100	Baseâ€Promoted Sulfurâ€Mediated Carbonylative Cyclization of Propargylic Amines. European Journal of Organic Chemistry, 2018, 2018, 688-692.	2.4	47
101	Benzene-1,3,5-triyl Triformate (TFBen)-Promoted Palladium-Catalyzed Carbonylative Synthesis of 2-Oxo-2,5-dihydropyrroles from Propargyl Amines. Organic Letters, 2020, 22, 194-198.	4.6	47
102	FeCl₃-Mediated Synthesis of 2-(Trifluoromethyl)quinazolin-4(3H)-ones from Isatins and Trifluoroacetimidoyl Chlorides. Organic Letters, 2020, 22, 5567-5571.	4.6	47
103	Palladiumâ€Catalyzed Oxidative Carbonylative Coupling Reactions of Arylboronic Acids with Styrenes to Chalcones under Mild Aerobic Conditions. Chemistry - an Asian Journal, 2012, 7, 282-285.	3.3	46
104	Palladium-Catalyzed Four-Component Carbonylative Cyclization Reaction of Trifluoroacetimidoyl Chlorides, Propargyl Amines, and Diaryliodonium Salts: Access to Trifluoromethyl-Containing Trisubstituted Imidazoles. Organic Letters, 2020, 22, 1980-1984.	4.6	46
105	Iron-catalyzed sulfonylimine synthesis under neutral conditions. Tetrahedron, 2009, 65, 7380-7384.	1.9	45
106	Palladiumâ€Catalyzed Aminocarbonylation of Benzyl Chlorides using Ammonia. ChemCatChem, 2012, 4, 69-71.	3.7	45
107	Palladium@Cerium(IV) Oxideâ€Catalyzed Oxidative Synthesis of Nâ€(2â€Pyridyl)indoles via Cï£¿H Activation Reaction. Advanced Synthesis and Catalysis, 2014, 356, 2955-2959.	4.3	44
108	Trifluoroacetimidoyl halides: a potent synthetic origin. Organic Chemistry Frontiers, 2020, 7, 223-254.	4.5	44

#	Article	IF	Citations
109	Palladium-catalyzed carbonylative coupling of benzyl chlorides with terminal alkynes to give 1,4-diaryl-3-butyn-2-ones and related furanones. Organic and Biomolecular Chemistry, 2011, 9, 8003.	2.8	43
110	A General Cyclocarbonylation of Aryl Bromides and Triflates with Acetylenes: Palladiumâ€Catalyzed Synthesis of 3â€Alkylidenefuranâ€2â€ones. Chemistry - A European Journal, 2011, 17, 8014-8017.	3.3	43
111	A General Palladiumâ€Catalyzed Carbonylative Synthesis of 2â€Alkylbenzoxazinones from 2â€Bromoanilines and Acid Anhydrides. Chemistry - A European Journal, 2012, 18, 12599-12602.	3.3	43
112	Palladiumâ€Catalyzed Synthesis of Phthalazinones: Efficient Carbonylative Coupling of 2â€Bromobenzaldehydes and Hydrazines. Chemistry - A European Journal, 2012, 18, 8596-8599.	3.3	43
113	Palladiumâ€Catalyzed Carbonylative Synthesis of Phthalimides from 1,2â€Dibromoarenes with Molybdenum Hexacarbonyl as Carbon Monoxide Source. Advanced Synthesis and Catalysis, 2013, 355, 3581-3585.	4.3	43
114	Palladium-catalyzed carbonylative synthesis of N-(2-cyanoaryl)benzamides and sequential synthesis of quinazolinones. Tetrahedron, 2014, 70, 23-29.	1.9	43
115	Pd/C-catalyzed carbonylative Câ€“H activation with DMF as the CO source. Tetrahedron Letters, 2015, 56, 6413-6416.	1.4	43
116	Metalâ€Free Synthesis of 5â€Trifluoromethylâ€1,2,4â€Triazoles from Iodineâ€Mediated Annulation of Trifluoroacetimidoyl Chlorides and Hydrazones. Advanced Synthesis and Catalysis, 2019, 361, 4949-4954.	4.3	42
117	Cobalt-Catalyzed Direct Câ€“H Carbonylative Synthesis of Free (NH)-Indolo[1,2-a]quinoxalin-6(5H)-ones. Organic Letters, 2021, 23, 178-182.	4.6	42
118	Pd/Cuâ€Catalyzed Defluorinative Carbonylative Coupling of Aryl Iodides and gemâ€Difluoroalkenes: Efficient Synthesis of Î±â€Fluorochalcones. Angewandte Chemie - International Edition, 2021, 60, 8818-8822.	13.8	42
119	A Convenient and Efficient Palladiumâ€Catalyzed Carbonylative Sonogashira Transformation with Formic Acid as the CO Source. European Journal of Organic Chemistry, 2017, 2017, 1434-1437.	2.4	41
120	Palladium-catalyzed carbonylative Sonogashira coupling between aryl triazenes and alkynes. Organic and Biomolecular Chemistry, 2015, 13, 5090-5093.	2.8	40
121	A General Palladiumâ€Catalyzed Carbonylative Synthesis of Chromenones from Salicylic Aldehydes and Benzyl Chlorides. Chemistry - A European Journal, 2013, 19, 12245-12248.	3.3	39
122	Copperâ€Catalyzed Regioselective Borocarbonylative Coupling of Unactivated Alkenes with Alkyl Halides: Synthesis of Î²â€Boryl Ketones. Angewandte Chemie, 2020, 132, 10537-10541.	2.0	39
123	Palladiumâ€Catalyzed Perfluoroalkylative Carbonylation of Unactivated Alkenes: Access to Î²â€Perfluoroalkyl Esters. Angewandte Chemie - International Edition, 2021, 60, 24292-24298.	13.8	39
124	Palladiumâ€Catalyzed Reductive Carbonylation of Aryl Bromides with Phosphinite Ligands. Chemistry - an Asian Journal, 2012, 7, 2213-2216.	3.3	38
125	A general and practical oxidation of alcohols to primary amides under metal-free conditions. Green Chemistry, 2013, 15, 1956.	9.0	38
126	Oxidative synthesis of benzamides from toluenes and DMF. Tetrahedron Letters, 2014, 55, 5082-5084.	1.4	38

#	Article	IF	Citations
127	Palladium-catalyzed dicarbonylative synthesis of tetracycle quinazolinones. Organic and Biomolecular Chemistry, 2015, 13, 4422-4425.	2.8	38
128	A Convenient Palladiumâ€Catalyzed Carbonylative Synthesis of Benzofuranâ€2(3â€‰H)â€one with Formic Acid as the CO Source. Chemistry - an Asian Journal, 2016, 11, 2453-2457.	3.3	38
129	Iridiumâ€Catalyzed and Ligandâ€Controlled Carbonylative Synthesis of Flavones from Simple Phenols and Internal Alkynes. Chemistry - A European Journal, 2017, 23, 3276-3279.	3.3	38
130	Silver and Palladium Cocatalyzed Carbonylative Activation of Benzotriazoles to Benzoxazinones under Neutral Conditions. Organic Letters, 2017, 19, 6232-6235.	4.6	38
131	Copperâ€Catalyzed Alkynylation of C(sp³)â^'H Bonds in Nâ€Fluoroâ€sulfonamides. Advanced Synthesis and Catalysis, 2019, 361, 5478-5482.	4.3	38
132	Zinc(II)-catalyzed oxidative amidation of arylaldehydes with alkylamines under solvent-free conditions. Tetrahedron Letters, 2013, 54, 1059-1062.	1.4	37
133	N2Extrusion and CO Insertion: A Novel Palladium-Catalyzed Carbonylative Transformation of Aryltriazenes. Organic Letters, 2015, 17, 1910-1913.	4.6	37
134	A Novel Domino Synthesis of Quinazolinediones by Palladiumâ€Catalyzed Double Carbonylation. Chemistry - A European Journal, 2014, 20, 8541-8544.	3.3	36
135	A Palladiumâ€Catalyzed Domino Procedure for the Synthesis of Unsymmetrical Ureas. Advanced Synthesis and Catalysis, 2018, 360, 2820-2824.	4.3	36
136	Direct Access to 1,1-Dicarbonyl Sulfoxonium Ylides from Aryl Halides or Triflates: Palladium-Catalyzed Carbonylation. Organic Letters, 2019, 21, 5310-5314.	4.6	36
137	A novel oxidative procedure for the synthesis of benzamides from styrenes and amines under metal-free conditions. Chemical Communications, 2014, 50, 4747.	4.1	35
138	A Practical and General Baseâ€Catalyzed Carbonylation of Amines for the Synthesis of Nâ€Formamides. Chemistry - A European Journal, 2015, 21, 14943-14948.	3.3	35
139	Palladiumâ€Catalyzed Carbonylative Synthesis of Aryl Formates under Mild Conditions. ChemCatChem, 2016, 8, 1788-1791.	3.7	35
140	Nickel-Catalyzed Thiocarbonylation of Arylboronic Acids with Sulfonyl Chlorides for the Synthesis of Thioesters. Organic Letters, 2020, 22, 6671-6676.	4.6	35
141	Palladium-catalyzed three-component carbonylative synthesis of 2-(trifluoromethyl)quinazolin-4(3H)-ones from trifluoroacetimidoyl chlorides and amines. Organic Chemistry Frontiers, 2020, 7, 2499-2504.	4.5	35
142	Calcium and magnesium chlorides-catalyzed oxidative esterification of aromatic aldehydes. Tetrahedron Letters, 2014, 55, 1657-1659.	1.4	34
143	Practical and General Manganeseâ€Catalyzed Carbonylative Coupling of Alkyl Iodides with Amides. ChemCatChem, 2017, 9, 915-919.	3.7	34
144	Copperâ€Catalyzed 1,2â€Trifluoromethylation Carbonylation of Unactivated Alkenes: Efficient Access to Î²â€Trifluoromethylated Aliphatic Carboxylic Acid Derivatives. Angewandte Chemie - International Edition, 2021, 60, 25787-25792.	13.8	34

#	Article	IF	Citations
145	Highly efficient synthesis of flavones via Pd/C-catalyzed cyclocarbonylation of 2-iodophenol with terminal acetylenes. Catalysis Science and Technology, 2016, 6, 2905-2909.	4.1	33
146	Vinylboron Self-Promoted Carbonylative Coupling with Cyclobutanone Oxime Esters. Organic Letters, 2019, 21, 1766-1769.	4.6	33
147	Convenient palladium-catalyzed aminocarbonylation of anilines to N-arylbenzamides. Tetrahedron Letters, 2011, 52, 3702-3704.	1.4	32
148	Efficient palladium-catalyzed double carbonylation of o-dibromobenzenes: synthesis of thalidomide. Organic and Biomolecular Chemistry, 2014, 12, 5578-5581.	2.8	32
149	Ligandâ€•and Solventâ€Tuned Chemoselective Carbonylation of Bromoaryl Triflates. Chemistry - A European Journal, 2017, 23, 13369-13378.	3.3	32
150	Palladium-Catalyzed Amide Synthesis via Aminocarbonylation of Arylboronic Acids with Nitroarenes. Organic Letters, 2019, 21, 4878-4881.	4.6	32
151	Palladium-Catalyzed Thiocarbonylation of Alkenes toward Linear Thioesters. ACS Catalysis, 2021, 11, 3614-3619.	11.2	32
152	Ligandâ€Controlled Copperâ€Catalyzed Regiodivergent Carbonylative Synthesis of Î±â€Amino Ketones and Î±â€Boryl Amides from Imines and Alkyl Iodides. Angewandte Chemie - International Edition, 2021, 60, 695-700.	13.8	32
153	Cobalt(II)-Catalyzed Alkoxycarbonylation of Aliphatic Amines via Câ€“N Bond Activation. Organic Letters, 2019, 21, 6919-6923.	4.6	31
154	Cobalt-Catalyzed Carbonylative Synthesis of Phthalimides from N-(Pyridin-2-ylmethyl)benzamides with TFBen as the CO Source. Journal of Organic Chemistry, 2019, 84, 12648-12655.	3.2	31
155	Palladiumâ€Catalyzed Carbonylation of 2â€Bromoanilines with 2â€Formylbenzoic Acid and 2â€Halobenzaldehydes: Efficient Synthesis of Functionalized Isoindolinones. Chemistry - A European Journal, 2014, 20, 14184-14188.	3.3	30
156	Iron-catalyzed reduction of aromatic aldehydes with paraformaldehyde and H2O as the hydrogen source. Tetrahedron Letters, 2015, 56, 1118-1121.	1.4	30
157	Iridiumâ€Catalyzed Carbonylative Synthesis of Halogenâ€Containing Quinolinâ€2(1H)â€ones from Internal Alkynes and Simple Anilines. Advanced Synthesis and Catalysis, 2016, 358, 3350-3354.	4.3	30
158	Palladium-catalyzed carbonylative synthesis of benzofuran-2(3H)-ones from 2-hydroxybenzyl alcohols using formic acid as the CO source. Organic and Biomolecular Chemistry, 2017, 15, 1343-1345.	2.8	30
159	Carbonylations with CO₂ as the CO Source and Reactivity Modifier. Angewandte Chemie - International Edition, 2017, 56, 5399-5401.	13.8	30
160	Palladium-catalyzed four-component carbonylative synthesis of 2,3-disubstituted quinazolin-4(3H)-ones: Convenient methaqualone preparation. Journal of Catalysis, 2018, 365, 10-13.	6.2	30
161	Rhodium-Catalyzed Carbonylative Coupling of Alkyl Halides with Phenols under Low CO Pressure. ACS Catalysis, 2020, 10, 5147-5152.	11.2	30
162	Palladium-Catalyzed Cascade Carbonylative Synthesis of 1,2,4-Triazol-3-ones from Hydrazonoyl Chlorides and NaN₃. Organic Letters, 2021, 23, 974-978.	4.6	30

#	Article	IF	Citations
163	Palladiumâ€Catalyzed Carbonylative Reactions of 1â€Bromoâ€2â€fluorobenzenes with Various Nucleophiles: Effective Combination of Carbonylation and Nucleophilic Substitution. Chemistry - A European Journal, 2014, 20, 16107-16110.	3.3	29
164	A highly-efficient palladium-catalyzed aminocarbonylation/S_NAr approach to dibenzoxazepinones. Green Chemistry, 2015, 17, 2994-2999.	9.0	29
165	Baseâ€Promoted Carbonylative Cyclization of Propargylic Amines with Selenium under CO Gasâ€free Conditions. Advanced Synthesis and Catalysis, 2018, 360, 1693-1703.	4.3	29
166	Carbonylation of tertiary carbon radicals: synthesis of lactams. Chemical Communications, 2019, 55, 4655-4658.	4.1	29
167	Ligandâ€Controlled Regiodivergent Thiocarbonylation of Alkynes toward Linear and Branched Î±,Î²â€Unsaturated Thioesters. Angewandte Chemie - International Edition, 2021, 60, 17178-17184.	13.8	29
168	A General and Efficient Palladiumâ€Catalyzed Alkoxycarbonylation of Phenols To Form Esters through In Situ Formed Aryl Nonaflates. Chemistry - A European Journal, 2012, 18, 3831-3834.	3.3	28
169	Direct Palladium-Catalyzed Carbonylative Transformation of Allylic Alcohols and Related Derivatives. Organic Letters, 2017, 19, 5474-5477.	4.6	28
170	Palladiumâ€Catalyzed Carbonylative Synthesis of 3â€Methyleneisoindolinâ€1â€ones from Ketimines with Hexacarbonylmolybdenum(0) as the Carbon Monoxide Source. ChemCatChem, 2017, 9, 94-98.	3.7	28
171	Palladium-Catalyzed Carbonylative Direct Transformation of Benzyl Amines under Additive-Free Conditions. ACS Catalysis, 2018, 8, 738-741.	11.2	28
172	A Convenient FeCl₃â€Mediated Synthesis of 5â€Trifluoromethylâ€1,2,4â€triazoles from Trifluoroacetimidoyl Chlorides and Hydrazides. Advanced Synthesis and Catalysis, 2020, 362, 5130-5134.	4.3	28
173	Ruthenium-Catalyzed Carbonylative Coupling of Anilines with Organoboranes by the Cleavage of Neutral Aryl Câ€“N Bond. Organic Letters, 2020, 22, 2756-2760.	4.6	28
174	A General and Efficient Palladiumâ€Catalyzed Carbonylative Synthesis of 2â€Aryloxazolines and 2â€Aryloxazines from Aryl Bromides. Chemistry - A European Journal, 2012, 18, 13619-13623.	3.3	27
175	Zinc-catalyzed benzylic Câ€“H bond oxidation. Tetrahedron Letters, 2012, 53, 6123-6126.	1.4	27
176	Palladiumâ€Catalyzed Carbonylative Negishiâ€type Coupling of Aryl Iodides with Benzyl Chlorides. Chemistry - an Asian Journal, 2012, 7, 40-44.	3.3	27
177	Palladium-catalyzed oxidative carbonylative coupling of arylboronic acids with terminal alkynes to alkynones. Organic and Biomolecular Chemistry, 2014, 12, 5590-5593.	2.8	27
178	Regioselective synthesis of 2,3-dihydrobenzodioxepinones from epoxides and 2-bromophenols via palladium-catalyzed carbonylation. Chemical Communications, 2014, 50, 2114.	4.1	27
179	TBAI-catalyzed oxidative synthesis of benzamides from acetophenones and carbinols. Organic and Biomolecular Chemistry, 2014, 12, 6359-6362.	2.8	27
180	DBU-promoted carbonylative synthesis of 1,3-oxathiolan-2-ones from propargylic alcohols with TFBen as the CO source. Organic and Biomolecular Chemistry, 2018, 16, 1065-1067.	2.8	27

#	Article	IF	Citations
181	Selectivity controllable divergent synthesis of Î±,Î²-unsaturated amides and maleimides from alkynes and nitroarenes via palladium-catalyzed carbonylation. Journal of Catalysis, 2019, 375, 519-523.	6.2	27
182	Copperâ€Catalyzed Substrateâ€Controlled Carbonylative Synthesis of Î±â€Keto Amides and Amides from Alkyl Halides. Angewandte Chemie - International Edition, 2022, 61, .	13.8	27
183	Palladium-catalyzed synthesis of isoindoloquinazolinones via dicarbonylation of 1,2-dibromoarenes. Organic and Biomolecular Chemistry, 2014, 12, 5835-5838.	2.8	26
184	The first zinc-catalyzed oxidation of sulfides to sulfones using H₂O₂as green oxidant. RSC Advances, 2014, 4, 29273-29275.	3.6	26
185	Oxidative cleavage of benzylic Câ€“N bonds under metal-free conditions. Organic and Biomolecular Chemistry, 2014, 12, 7486-7488.	2.8	26
186	An unexpected copper-catalyzed carbonylative acetylation of amines. Chemical Communications, 2017, 53, 142-144.	4.1	26
187	Convenient and General Zincâ€Catalyzed Borylation of Aryl Diazonium Salts and Aryltriazenes under Mild Conditions. ChemistryOpen, 2017, 6, 345-349.	1.9	26
188	The Design of an Inâ€“Ex Tube for Gas Related Organic Reactions. Organic Process Research and Development, 2017, 21, 1869-1871.	2.7	26
189	Palladium-catalyzed carbonylative Sonogashira coupling of aryl diazonium salts with formic acid as the CO source: the effect of 1,3-butadiene. Catalysis Science and Technology, 2017, 7, 4924-4928.	4.1	26
190	A sustainable procedure toward alkyl arylacetates: palladium-catalysed direct carbonylation of benzyl alcohols in organic carbonates. Green Chemistry, 2018, 20, 969-972.	9.0	26
191	Copper-Catalyzed Carbonylative Synthesis of Î²-Homoprolines from N-Fluoro-sulfonamides. Organic Letters, 2020, 22, 1889-1893.	4.6	26
192	A convenient palladium-catalyzed carbonylative synthesis of quinazolines from 2-aminobenzylamine and aryl bromides. RSC Advances, 2014, 4, 56502-56505.	3.6	25
193	Convenient palladium-catalyzed carbonylative synthesis of caprolactam and butyrolactam derived phthalimides and amides by using DBU and DBN as the nitrogen source. Tetrahedron Letters, 2015, 56, 342-345.	1.4	25
194	Rutheniumâ€Catalyzed Conjugate Hydrogenation of Î±,Î²â€Enones by in situ Generated Dihydrogen from Paraformaldehyde and Water. European Journal of Organic Chemistry, 2015, 2015, 331-335.	2.4	25
195	Palladiumâ€Catalyzed Oxidative Carbonylation of Aromatic Câˆ’H Bonds with Alcohols using Molybdenum Hexacarbonyl as the Carbon Monoxide Source. Advanced Synthesis and Catalysis, 2016, 358, 2855-2859.	4.3	25
196	Palladiumâ€Catalyzed Carbonylative Synthesis of 2,3â€Disubstituted Chromones. Advanced Synthesis and Catalysis, 2016, 358, 466-479.	4.3	25
197	Copperâ€Catalyzed Oxidative Dehydrogenative C(sp³)âˆ’H Bond Amination of (Cyclo)Alkanes using NHâ€Heterocycles as Amine Sources. ChemSusChem, 2017, 10, 3075-3082.	6.8	25
198	Pd/Câ€Catalyzed Aminocarbonylation of Aryl Iodides with Anthranils in Water Using Mo(CO)₆ as the CO Source. Chemistry - A European Journal, 2017, 23, 15026-15029.	3.3	25

#	Article	IF	Citations
199	Copper-catalyzed intra- and intermolecular carbonylative transformation of remote C(sp3) H bonds in N-fluoro-sulfonamides. Journal of Catalysis, 2019, 377, 507-510.	6.2	25
200	More than a CO source: palladium-catalyzed carbonylative synthesis of butenolides from propargyl alcohols and TFBen. Organic Chemistry Frontiers, 2019, 6, 3158-3161.	4.5	25
201	Palladiumâ€Catalyzed Carbonylative Coupling of Aryl Iodides and Benzyl Acetylenes to 3â€Alkylidenefuranâ€2â€ones under Mild Conditions and Its Density Functional Theory Modeling. Chemistry - A European Journal, 2012, 18, 16177-16185.	3.3	24
202	Palladium-catalyzed carbonylative coupling reactions of aryl iodides with hexamethyldisilane (HMDS) to benzoyl silanes. Tetrahedron Letters, 2012, 53, 582-584.	1.4	24
203	Metal-free oxidation of benzyl amines to imines. Tetrahedron Letters, 2013, 54, 3158-3159.	1.4	24
204	Nickel-Catalyzed Carbonylative Synthesis of Functionalized Alkyl Iodides. IScience, 2018, 8, 175-182.	4.1	24
205	Nickel-Catalyzed Molybdenum-Promoted Carbonylative Synthesis of Benzophenones. Journal of Organic Chemistry, 2018, 83, 6788-6792.	3.2	24
206	Copper-Catalyzed Carbonylative Synthesis of Î²-Boryl Amides via Boroamidation of Alkenes. CCS Chemistry, 2021, 3, 2643-2654.	7.8	24
207	Synthesis of 5-trifluoromethyl-1,2,3-triazoles via base-mediated cascade annulation of diazo compounds with trifluoroacetimidoyl chlorides. Organic Chemistry Frontiers, 2021, 8, 3440-3445.	4.5	24
208	Palladiumâ€Catalyzed Aminocarbonylation of Nâ€Chloroamines with Boronic Acids. Chemistry - A European Journal, 2015, 21, 7374-7378.	3.3	23
209	Potassium tertâ€Butoxideâ€Promoted Synthesis of 1â€Aminoisoquinolines from 2â€Methylbenzonitriles and Benzonitriles under Catalystâ€Free Conditions. Advanced Synthesis and Catalysis, 2016, 358, 2179-2185.	4.3	23
210	A general iodine-mediated synthesis of primary sulfonamides from thiols and aqueous ammonia. Organic and Biomolecular Chemistry, 2016, 14, 6951-6954.	2.8	23
211	Palladium-catalyzed carbonylative Câ€“H activation of arenes with norbornene as the coupling partner. Journal of Organometallic Chemistry, 2016, 803, 9-12.	1.8	23
212	A copper-catalyzed carbonylative four-component reaction of ethene and aliphatic olefins. Chemical Communications, 2018, 54, 1984-1987.	4.1	23
213	Site-Selective Carbonylative Synthesis of Structurally Diverse Lactams from Heterocyclic Amines with TFBen as the CO Source. Journal of Organic Chemistry, 2019, 84, 14297-14305.	3.2	23
214	Iron-catalyzed carbonylative alkyl-acylation of heteroarenes. Journal of Catalysis, 2019, 372, 272-276.	6.2	23
215	Copper-catalyzed enantioselective carbonylation toward Î±-chiral secondary amides. Chemical Science, 2021, 12, 12676-12681.	7.4	23
216	Copperâ€Catalyzed Alkoxycarbonylation of Alkanes with Alcohols. ChemSusChem, 2017, 10, 1341-1345.	6.8	22

#	Article	IF	Citations
217	Copperâ€Catalyzed Carbonylative Crossâ€Coupling of Arylboronic Acids with Nâ€Chloroamines for the Synthesis of Aryl Amides. European Journal of Organic Chemistry, 2017, 2017, 1769-1772.	2.4	22
218	Borylation of aryldiazonium salts at room temperature in an aqueous solution under catalyst-free conditions. Tetrahedron Letters, 2017, 58, 3851-3853.	1.4	22
219	Iron-catalyzed carbonylative cyclization of Î³,Î´-unsaturated aromatic oxime esters to functionalized pyrrolines. Chemical Communications, 2020, 56, 7045-7048.	4.1	22
220	Palladiumâ€Catalyzed Carbonylative Synthesis of 2â€(Trifluoromethyl)quinazolinâ€4(3H)â€ones from Trifluoroacetimidoyl Chlorides and Nitro Compounds. Advanced Synthesis and Catalysis, 2021, 363, 1417-1426.	4.3	22
221	Nickel-catalyzed reductive aminocarbonylation of vinyl triflates with nitro compounds for the synthesis of Î±,Î²-unsaturated amides. Organic Chemistry Frontiers, 2021, 8, 6974-6978.	4.5	22
222	Convenient copper-mediated Chanâ€“Lam coupling of 2-aminopyridine: facile synthesis of N-arylpyridin-2-amines. Tetrahedron Letters, 2015, 56, 4843-4847.	1.4	21
223	Palladiumâ€Catalyzed Construction of Amidines from Arylboronic Acids under Oxidative Conditions. Chemistry - A European Journal, 2016, 22, 7743-7746.	3.3	21
224	Synthesis of quinazolinones from o -aminobenzamides and benzyl amines under metal-free conditions. Chinese Chemical Letters, 2016, 27, 21-24.	9.0	21
225	Palladiumâ€Catalyzed Carbonylative Synthesis of Amides from Aryltriazenes under Additiveâ€Free Conditions. European Journal of Organic Chemistry, 2017, 2017, 3992-3995.	2.4	21
226	Copper-catalyzed carbonylative transformations of indoles with hexaketocyclohexane. Chemical Communications, 2018, 54, 4798-4801.	4.1	21
227	Ligandenâ€•und lÃ¶sungsmittelkontrollierte regioâ€•und chemodivergente Carbonylierungen. Angewandte Chemie, 2018, 130, 1166-1174.	2.0	21
228	Selectivity Controlled Palladium-Catalyzed Carbonylative Synthesis of Propiolates and Chromenones from Phenols and Alkynes. Organic Letters, 2018, 20, 3422-3425.	4.6	21
229	Palladium-Catalyzed Oxidative Carbonylative Coupling of Arylallenes, Arylboronic Acids, and Nitroarenes. Organic Letters, 2019, 21, 8215-8218.	4.6	21
230	Ironâ€Catalyzed Synthesis of Dihydronaphthalenones from Aromatic Oxime Esters. Advanced Synthesis and Catalysis, 2019, 361, 3223-3227.	4.3	21
231	Deaminative carbonylative coupling of alkylamines with styrenes under transition-metal-free conditions. Chemical Communications, 2020, 56, 9182-9185.	4.1	21
232	Silver-Mediated [3 + 2] Cycloaddition of Azomethine Ylides with Trifluoroacetimidoyl Chlorides for the Synthesis of 5-(Trifluoromethyl)imidazoles. Journal of Organic Chemistry, 2021, 86, 4361-4370.	3.2	21
233	A Novel Double Carbonylation Reaction of Aryl Halides: Selective Synthesis of 5â€Arylfuranones. Chemistry - A European Journal, 2013, 19, 12959-12964.	3.3	20
234	Synthesis of Thioethers and Thioesters with Alkyl Arylsulfinates as the Sulfenylation Agent under Metalâ€Free Conditions. Chemistry - an Asian Journal, 2016, 11, 3503-3507.	3.3	20

#	Article	IF	Citations
235	Palladiumâ€Catalyzed Carbonylative Cyclization of Azoarenes. ChemCatChem, 2017, 9, 3637-3640.	3.7	20
236	Versatile palladium-catalyzed double carbonylation of aryl bromides. Chemical Communications, 2017, 53, 12422-12425.	4.1	20
237	Selective nickel-catalyzed dehydrogenativeâ€“decarboxylative formylation of indoles with glyoxylic acid. Organic and Biomolecular Chemistry, 2018, 16, 3707-3710.	2.8	20
238	Palladiumâ€Catalyzed Carbonylative Homocoupling of Aryl Iodides for the Synthesis of Symmetrical Diaryl Ketones with Formic Acid. ChemCatChem, 2018, 10, 173-177.	3.7	20
239	Palladium-Catalyzed Synthesis of 1,2-Diketones from Aryl Halides and Organoaluminum Reagents Using tert-Butyl Isocyanide as the CO Source. Organic Letters, 2020, 22, 636-641.	4.6	20
240	HMF and furfural: Promising platform molecules in rhodium-catalyzed carbonylation reactions for the synthesis of furfuryl esters and tertiary amides. Journal of Catalysis, 2020, 381, 215-221.	6.2	20
241	Synthesis of 3H-1,2,4-Triazol-3-ones via NiCl₂-Promoted Cascade Annulation of Hydrazonoyl Chlorides and Sodium Cyanate. Organic Letters, 2021, 23, 2359-2363.	4.6	20
242	Copper-mediated [3 + 2] cycloaddition of trifluoroacetimidoyl chlorides and N-isocyanoiminotriphenylphosphorane for the synthesis of 3-trifluoromethyl-1,2,4-triazoles. Organic Chemistry Frontiers, 2021, 8, 5040-5044.	4.5	20
243	Metal-free oxidative cyclization of trifluoroacetimidohydrazides with methylhetarenes: a facile access to 3-hetaryl-5-trifluoromethyl-1,2,4-triazoles. Organic Chemistry Frontiers, 2021, 8, 4490-4495.	4.5	20
244	Toward Greener Oxidative Transformations: Baseâ€Metal Catalysts and Metalâ€Free Reactions. Chemical Record, 2015, 15, 949-963.	5.8	19
245	Palladiumâ€Catalyzed Selective Synthesis of Perfluoroalkylated Enynes from Perfluoroalkyl Iodides and Alkynes. European Journal of Organic Chemistry, 2017, 2017, 2940-2943.	2.4	19
246	Palladiumâ€Catalyzed Crossâ€Coupling of Arylboronic Acid and Benzonitriles Using DMSO as the Methylene Source. Asian Journal of Organic Chemistry, 2018, 7, 2045-2048.	2.7	19
247	From â€˜Giftâ€™ to gift: producing organic solvents from CO₂. Green Chemistry, 2020, 22, 8169-8182.	9.0	19
248	Iron-catalyzed carbonylative cyclization of Î³,Î´-unsaturated aromatic oxime esters with amines. Chemical Communications, 2020, 56, 14605-14608.	4.1	19
249	Cu/Pd-catalyzed borocarbonylative trifunctionalization of alkynes and allenes: synthesis of Î²-geminal-diboryl ketones. Science China Chemistry, 2021, 64, 2142-2153.	8.2	19
250	Nickel-Catalyzed One-Pot Carbonylative Synthesis of 2-Mono- and 2,3-Disubstituted Thiochromenones from 2-Bromobenzenesulfonyl Chlorides and Alkynes. Organic Letters, 2021, 23, 6589-6593.	4.6	19
251	TFBen (Benzeneâ€1,3,5â€triyl triformate): A Powerful and Versatile CO Surrogate. Chemical Record, 2022, 22, .	5.8	19
252	Palladium-catalyzed carbonylative transformation of aryl iodides and sulfonyl chlorides: convenient access to thioesters. Organic Chemistry Frontiers, 2020, 7, 885-889.	4.5	19

#	Article	IF	Citations
253	Zincâ€Catalyzed Oxidative Transformation of Benzylic Ethers: A General Procedure for Aldehyde Synthesis. Asian Journal of Organic Chemistry, 2012, 1, 214-217.	2.7	18
254	Base-promoted synthesis of dibenzoxazepinamines and quinazolinimines under metal-free conditions. Green Chemistry, 2015, 17, 4522-4526.	9.0	18
255	3-Acylindoles Synthesis: Ruthenium-Catalyzed Carbonylative Coupling of Indoles and Aryl Iodides. Organic Letters, 2017, 19, 4680-4683.	4.6	18
256	A general and convenient palladium-catalyzed synthesis of benzylideneindolin-3-ones with formic acid as the CO source. Organic and Biomolecular Chemistry, 2017, 15, 6905-6908.	2.8	18
257	Palladium-catalyzed carbonylative bis(indolyl)methanes synthesis with TFBen as the CO source. Journal of Catalysis, 2018, 362, 74-77.	6.2	18
258	Carbonylative Transformation of Allylarenes with CO Surrogates: Tunable Synthesis of 4-Arylbutanoic Acids, 2-Arylbutanoic Acids, and 4-Arylbutanals. Organic Letters, 2019, 21, 5699-5703.	4.6	18
259	Copper-catalyzed carbonylative catenation of olefins: Direct synthesis of Î³-boryl esters. CheM, 2022, 8, 1982-1992.	11.7	18
260	Utilizing an Encapsulated Solution of Reagents to Achieve the Fourâ€Component Synthesis of (Benzo)Thiophene Derivatives. Advanced Synthesis and Catalysis, 2017, 359, 941-946.	4.3	17
261	Pd/C-Catalyzed Carbonylative Synthesis of 2-Aminobenzoxazinones from 2-Iodoaryl Azides and Amines. Organic Letters, 2019, 21, 3242-3246.	4.6	17
262	Copper-catalyzed carbonylative synthesis of pyrrolidine-containing amides from Î³,Î´-unsaturated aromatic oxime esters. Organic Chemistry Frontiers, 2020, 7, 2986-2990.	4.5	17
263	Palladium-catalyzed double-carbonylative cyclization of propargyl alcohols and aryl triflates to expedite construction of 4-aroyl-furan-2(5H)-ones. Organic Chemistry Frontiers, 2020, 7, 2757-2760.	4.5	17
264	Chelating Group Enabled Palladiumâ€Catalyzed Regiodivergent Carbonylative Synthesis of 2,3â€Dihydroquinolinâ€4(1H)â€ones. Chemistry - A European Journal, 2020, 26, 14565-14569.	3.3	17
265	Copperâ€Catalyzed Borylative Methylation of Alkyl Iodides with CO as the C1 Source: Advantaged by Faster Reaction of CuH over CuBpin. Angewandte Chemie - International Edition, 2021, 60, 11730-11734.	13.8	17
266	Synthesis of 5â€Trifluoromethylâ€1,2,4â€Triazoles via Metalâ€Free Annulation of Trifluoroacetimidohydrazides and Methyl Ketones. Advanced Synthesis and Catalysis, 2021, 363, 3060-3069.	4.3	17
267	Nickel-catalyzed cascade carbonylative synthesis of N-benzoyl indoles from 2-nitroalkynes and aryl iodides. Organic Chemistry Frontiers, 2021, 8, 6541-6545.	4.5	17
268	Controllable access to trifluoromethyl-containing indoles and indolines: palladium-catalyzed regioselective functionalization of unactivated alkenes with trifluoroacetimidoyl chlorides. Chemical Science, 2022, 13, 3526-3532.	7.4	17
269	Palladium-Catalyzed Carbonylative Synthesis of N-Benzoylindoles with Mo(CO)6 as the Carbon Monoxide Source. Synthesis, 2015, 47, 2641-2646.	2.3	16
270	Pd/C-catalyzed reductive homo-coupling of iodobenzene with 5-(hydromethyl)furfural as the reductant: a case study. Journal of Molecular Catalysis A, 2015, 406, 94-96.	4.8	16

#	Article	IF	Citations
271	Synthesis of quinazolinimines and quinazolinamines from 2-fluorobenzonitriles under catalyst-free conditions. Organic and Biomolecular Chemistry, 2015, 13, 10656-10662.	2.8	16
272	Palladiumâ€Catalyzed Hydroxycarbonylation of Aryl Halides with the inâ€situ Generation of CO and H₂O. ChemistrySelect, 2016, 1, 1702-1704.	1.5	16
273	An Efficient Rhodiumâ€Catalyzed Carbonylative Annulation of Internal Alkynes and Anilines To Produce Maleimides. ChemCatChem, 2016, 8, 3710-3713.	3.7	16
274	Palladium-catalyzed synthesis of quinolin-2(1H)-ones: the unexpected reactivity of azodicarboxylate. Organic and Biomolecular Chemistry, 2018, 16, 1632-1635.	2.8	16
275	Carbonylative Synthesis of 3-Substituted Thiochromenones via Rhodium-Catalyzed [3 + 2 + 1] Cyclization of Different Aromatic Sulfides, Alkynes, and Carbon Monoxide. Journal of Organic Chemistry, 2018, 83, 13612-13617.	3.2	16
276	Copper/iron co-catalyzed alkoxycarbonylation of unactivated alkyl bromides. Communications Chemistry, 2018, 1, .	4.5	16
277	Cobalt-Catalyzed Alkoxycarbonylation of Epoxides to Î²-Hydroxyesters. Journal of Organic Chemistry, 2019, 84, 9907-9912.	3.2	16
278	Palladium-catalyzed double carbonylation of propargyl amines and aryl halides to access 1-aroyl-3-aryl-1,5-dihydro-2H-pyrrol-2-ones. Organic Chemistry Frontiers, 2020, 7, 1006-1010.	4.5	16
279	Palladium-catalyzed carbonylative synthesis of 5-trifluoromethyl-1,2,4-triazoles from trifluoroacetimidohydrazides and aryl iodides. Organic Chemistry Frontiers, 0, , .	4.5	16
280	Palladiumâ€Catalyzed Carbonylative Fourâ€Component Synthesis of Î²â€Perfluoroalkyl Amides. Chemistry - A European Journal, 2021, 27, 17682-17687.	3.3	16
281	Copper-catalyzed hydroformylation and hydroxymethylation of styrenes. Chemical Science, 2021, 12, 14937-14943.	7.4	16
282	Cyclen-catalyzed Henry reaction under neutral conditions. Tetrahedron Letters, 2010, 51, 4555-4557.	1.4	15
283	A Convenient Palladiumâ€Catalyzed Aminocarbonylation of Aryl Iodides to Primary Amides under Gasâ€Free Conditions. European Journal of Organic Chemistry, 2017, 2017, 7222-7225.	2.4	15
284	Selenium-Catalyzed Carbonylative Synthesis of 3,4-Dihydroquinazolin-2(1H)-one Derivatives with TFBen as the CO Source. ACS Combinatorial Science, 2019, 21, 573-577.	3.8	15
285	Solar-driven conversion of arylboronic acids to phenols using metal-free heterogeneous photocatalysts. Journal of Catalysis, 2019, 378, 63-67.	6.2	15
286	Direkte Borylierung der Câ€Hâ€Bindungen von (Hetero)Arenen: von Edelmetallkatalysatoren zur metallfreien Katalyse. Angewandte Chemie, 2020, 132, 1786-1790.	2.0	15
287	Pd/Cu-Catalyzed amide-enabled selectivity-reversed borocarbonylation of unactivated alkenes. Chemical Science, 2021, 12, 10341-10346.	7.4	15
288	Palladiumâ€Catalyzed Thiocarbonylation of Benzyl Chlorides with Sulfonyl Chlorides for the Synthesis of Arylacetyl Thioesters. Advanced Synthesis and Catalysis, 2021, 363, 2541-2545.	4.3	15

#	Article	IF	Citations
289	Copperâ€Catalyzed Decarbonylative Cyclization of Isatins and Trifluoroacetimidohydrazides for the Synthesis of 2â€(5â€Trifluoromethylâ€1,2,4â€triazolâ€3â€yl)anilines. Advanced Synthesis and Catalysis, 2022, 364, 1044-1049.	4.3	15
290	Catalyst-controlled selective borocarbonylation of benzylidenecyclopropanes: regiodivergent synthesis of Î³-vinylboryl ketones and Î²-cyclopropylboryl ketones. Chemical Science, 2022, 13, 4321-4326.	7.4	15
291	Palladium-Catalyzed Carbonylation of Disulfides and Ethylene: Synthesis of Î²-Thiopropionate Thioesters. Organic Letters, 2022, 24, 1848-1852.	4.6	15
292	Palladiumâ€Catalyzed Carbonylative Dimerization of Styrenes to 1,5â€Diarylpentâ€1â€enâ€3â€ones. Chemistry - an Asian Journal, 2012, 7, 1199-1202.	3.3	14
293	Exploring the coordination chemistry of 2-picolinic acid to zinc and application of the complexes in catalytic oxidation chemistry. Inorganic Chemistry Communication, 2014, 46, 320-323.	3.9	14
294	Base-regulated tunable synthesis of pyridobenzoxazepinones and pyridobenzoxazines. Catalysis Science and Technology, 2015, 5, 4433-4443.	4.1	14
295	Transition Metal-free Methylation of Amines with Formaldehyde as the Reductant and Methyl Source. Chimia, 2015, 69, 345.	0.6	14
296	Iridiumâ€Catalyzed Carbonylative Synthesis of Chromenones from Simple Phenols and Internal Alkynes at Atmospheric Pressure. Angewandte Chemie, 2016, 128, 14357-14360.	2.0	14
297	Selective Preparation of Xanthones from 2-Bromofluorobenzenes and Salicylaldehydes via Palladium-Catalyzed Acylationâ€“SNAr Approach. Synlett, 2016, 27, 1269-1273.	1.8	14
298	Palladiumâ€Catalyzed Carbonylative Cyclization of Terminal Alkynes and Anilines to 3â€Substituted Maleimides. Advanced Synthesis and Catalysis, 2018, 360, 3376-3380.	4.3	14
299	A Convenient Palladiumâ€Catalyzed Carbonylative Synthesis of (E)â€3â€Benzylidenechromanâ€4â€ones. Chemistry - A European Journal, 2019, 25, 3521-3524.	3.3	14
300	Palladiumâ€Catalyzed Tunable Carbonylative Synthesis of Enones and Benzofulvenes. Chemistry - A European Journal, 2019, 25, 8696-8700.	3.3	14
301	Rhodium-Catalyzed Carbonylative Synthesis of Benzosilinones. Organic Letters, 2019, 21, 2899-2902.	4.6	14
302	Selenium-Catalyzed Carbonylative Synthesis of 2-Benzimidazolones from 2-Nitroanilines with TFBen as the CO Source. European Journal of Organic Chemistry, 2019, 2019, 5161-5164.	2.4	14
303	Copperâ€Catalyzed Carbonylative Hydroamidation of Styrenes to Branched Amides. Angewandte Chemie, 2020, 132, 22627-22631.	2.0	14
304	Radical Carbonylation under Low <scp>CO</scp> Pressure: Synthesis of Esters from Activated Alkylamines at Transition <scp>Metalâ€Free</scp> Conditions. Chinese Journal of Chemistry, 2021, 39, 927-932.	4.9	14
305	Elemental Sulfur and Dimethyl Sulfoxideâ€Promoted Oxidative Cyclization of Trifluoroacetimidohydrazides with Methylhetarenes for the Synthesis of 3â€Hetaryl â€5â€trifluoromethylâ€1,2,4â€triazoles. Chinese Journal of Chemistry, 2021, 39, 3443.	4.9	14
306	Palladium-Catalyzed Reductive Aminocarbonylation of Benzylammonium Triflates with o-Nitrobenzaldehydes for the Synthesis of 3-Arylquinolin-2(1H)-ones. Journal of Organic Chemistry, 2021, 86, 13824-13832.	3.2	14

#	Article	IF	Citations
307	Transition-Metal-Catalyzed Carbonylative Multifunctionalization of Alkynes. Journal of Organic Chemistry, 2023, 88, 4975-4994.	3.2	14
308	Visible light-induced perfluoroalkylative carbonylation of unactivated alkenes. Journal of Catalysis, 2022, 413, 214-220.	6.2	14
309	Sequential one-pot synthesis of benzoxazoles from aryl bromides: successive palladium- and copper-catalyzed reactions. Tetrahedron Letters, 2013, 54, 3040-3042.	1.4	13
310	Palladiumâ€Catalyzed Carbonylative Fourâ€Component Synthesis of Thiochromenones: The Advantages of a Reagent Capsule. Angewandte Chemie, 2016, 128, 5151-5154.	2.0	13
311	Manganese-catalyzed Sonogashira coupling of aryl iodides. Tetrahedron Letters, 2016, 57, 1706-1710.	1.4	13
312	Palladium-catalyzed carbonylative synthesis of alkynones from aryl iodides and phenylpropiolic acid employing formic acid as the CO source. Journal of Organometallic Chemistry, 2017, 838, 9-11.	1.8	13
313	Palladium-Catalyzed Decarboxylative Carbonylative Transformation of Benzyl Aryl Carbonates: Direct Synthesis of Aryl 2-Arylacetates. Organic Letters, 2018, 20, 5938-5941.	4.6	13
314	Palladiumâ€Catalyzed Carbonylative Synthesis of Nâ€Heterocycles from 1â€Chloroâ€2â€fluorobenzenes. European Journal of Organic Chemistry, 2019, 2019, 2172-2175.	2.4	13
315	Nickel-catalyzed carbonylative synthesis of dihydrobenzofurans. Catalysis Communications, 2021, 148, 106170.	3.3	13
316	Copper-catalyzed borofunctionalization of styrenes with B₂pin₂ and CO. Chemical Science, 2021, 12, 13777-13781.	7.4	13
317	Visibleâ€Lightâ€Induced Palladiumâ€Catalyzed Dehydrogenative Carbonylation of Amines to Oxalamides. Chemistry - A European Journal, 2021, 27, 5642-5647.	3.3	13
318	Transition-Metal-Catalyzed Carbonylative Synthesis and Functionalization of Heterocycles. Chinese Journal of Organic Chemistry, 2019, 39, 573.	1.3	13
319	Palladium-catalyzed cascade Heck-type thiocarbonylation for the synthesis of functionalized thioesters. Organic Chemistry Frontiers, 2022, 9, 1417-1421.	4.5	13
320	Palladium-catalyzed four-component difluoroalkylative carbonylation of aryl olefins and ethylene. Journal of Catalysis, 2022, 413, 163-167.	6.2	13
321	Carbonylative transformation of benzyl formates into alkyl 2-arylacetates in organic carbonates. Organic Chemistry Frontiers, 2019, 6, 3397-3400.	4.5	12
322	Manganese-catalyzed ring-opening carbonylation of cyclobutanol derivatives. Tetrahedron Letters, 2019, 60, 864-867.	1.4	12
323	Pd/C-Catalyzed Carbonylative Synthesis of Î±-Carbonyl-Î±â€²-Amide Sulfoxonium Ylides from Azides. Journal of Organic Chemistry, 2020, 85, 5733-5740.	3.2	12
324	Palladium-catalyzed carbonylative synthesis of Î±,Î²-unsaturated amides from aryl azides and alkenylaluminum reagent. Journal of Catalysis, 2020, 383, 160-163.	6.2	12

#	Article	IF	Citations
325	Rhodium-catalyzed carbonylative coupling of alkyl halides with thiols: a radical process faster than easier nucleophilic substitution. Chemical Communications, 2021, 57, 1466-1469.	4.1	12
326	Nickel-catalyzed carbonylative domino cyclization of arylboronic acid pinacol esters with 2-alkynyl nitroarenes towardN-aroyl indoles. Organic Chemistry Frontiers, 2022, 9, 2685-2689.	4.5	12
327	Nickel-Catalyzed Carbonylative Synthesis of Î±,Î²-Unsaturated Thioesters from Vinyl Triflates and Arylsulfonyl Chlorides. Organic Letters, 2022, 24, 4009-4013.	4.6	12
328	Rhodium-catalyzed carbonylative synthesis of silyl-substituted indenones. Chemical Communications, 2017, 53, 13149-13152.	4.1	11
329	Palladiumâ€Catalyzed Carbonylative Coupling of Aryl Iodides with Alkyl Bromides: Efficient Synthesis of Alkyl Aryl Ketones. Advanced Synthesis and Catalysis, 2018, 360, 4153-4160.	4.3	11
330	Convenient Carbonylative Synthesis of Seleniumâ€Substituted Vinyl Iodides: (E)â€5â€(Iodomethylene)â€1,3â€selenazolidinâ€2â€ones. European Journal of Organic Chemistry, 2019, 2019, 1553-1556.	2.9	11
331	Palladium-catalyzed four-component carbonylation of allenes, alcohols and nitroarenes. Journal of Catalysis, 2020, 381, 271-274.	6.2	11
332	Base-mediated [3+2] annulation of trifluoroacetimidoyl chlorides and isocyanides: An improved approach for regioselective synthesis of 5-trifluoromethyl-imidazoles. Tetrahedron, 2020, 76, 131168.	1.9	11
333	Palladium-catalyzed carbonylative cyclization of 2-alkynylanilines and aryl iodides to access N-acyl indoles. Organic Chemistry Frontiers, 2021, 8, 1926-1929.	4.5	11
334	A novel construction of acetamides from rhodium-catalyzed aminocarbonylation of DMC with nitro compounds. Chemical Communications, 2021, 57, 1955-1958.	4.1	11
335	Supported Palladiumâ€Catalyzed Carbonylative Synthesis of Diaryl Ketones from Aryl Bromides and Arylboronic Acids. Chemistry - an Asian Journal, 2021, 16, 2027-2030.	3.3	11
336	Oxidative Cyclization of Trifluoroacetimidohydrazides with Dâ€Glucose for the Metalâ€Free Synthesis of 3â€Trifluoromethylâ€1,2,4â€Triazoles. Advanced Synthesis and Catalysis, 2021, 363, 4982.	4.3	11
337	Practical Synthesis of Halogenated Nâ€Heterocycles via Electrochemical Anodic Oxidation of Unactivated Alkenes. European Journal of Organic Chemistry, 2021, 2021, 5831-5834.	2.4	11
338	Cobaltâ€Catalyzed Direct Aminocarbonylation of Ethers: Efficient Access to Î±â€Amide Substituted Ether Derivatives. Angewandte Chemie - International Edition, 2022, , .	13.8	11
339	Supported palladium-catalyzed carbonylative cyclization of 2-bromonitrobenzenes and alkynes to access quinolin-4(1H)-ones. Journal of Catalysis, 2022, 408, 81-87.	6.2	11
340	KO^tBu-promoted synthesis of multi-substituted 4-aminopyrimidines from benzonitriles and aliphatic amides. RSC Advances, 2015, 5, 106444-106447.	3.6	10
341	Palladium-catalyzed carbonylative coupling of aryl iodides with an organocopper reagent: a straightforward procedure for the synthesis of aryl trifluoromethyl ketones. RSC Advances, 2016, 6, 57070-57074.	3.6	10
342	Oxidative Synthesis of Quinazolinones under Metalâ€free Conditions. Journal of Heterocyclic Chemistry, 2017, 54, 794-798.	2.6	10

#	Article	IF	Citations
343	1,8â€Diazabicyclo[5.4.0]undecâ€7â€eneâ€Catalyzed Carbonylative Cyclization of Propargylic Alcohols with Elemental Sulfur. European Journal of Organic Chemistry, 2018, 2018, 1274-1276.	2.4	10
344	Direct synthesis of benzylic amines by palladium-catalyzed carbonylative aminohomologation of aryl halides. Communications Chemistry, 2018, 1, .	4.5	10
345	Palladiumâ€Catalyzed Cascade Carbonylative Cyclization Reaction of Trifluoroacetimidoyl Chlorides and 2â€Iodoanilines: Toward 2â€(Trifluoromethyl)quinazolinâ€4(3H)â€ones Synthesis. ChemistrySelect, 2020, 5, 11072-11076.	1.5	10
346	Palladium-Catalyzed Carbonylative Synthesis of Î±-Branched Enones from Aryl Iodides and Arylallenes. Organic Letters, 2020, 22, 1160-1163.	4.6	10
347	The cascade coupling/iodoaminocyclization reaction of trifluoroacetimidoyl chlorides and allylamines: metal-free access to 2-trifluoromethyl-imidazolines. Organic and Biomolecular Chemistry, 2021, 19, 6115-6119.	2.8	10
348	Palladium-catalyzed carbonylative cyclization of benzyl chlorides with anthranils for the synthesis of 3-arylquinolin-2(1H)-ones. Organic and Biomolecular Chemistry, 2021, 19, 3584-3588.	2.8	10
349	Copperâ€Catalyzed 1,2â€Trifluoromethylation Carbonylation of Unactivated Alkenes: Efficient Access to Î²â€Trifluoromethylated Aliphatic Carboxylic Acid Derivatives. Angewandte Chemie, 2021, 133, 25991-25996.	2.0	10
350	Electrochemical oxidative cyclization of N-allylcarboxamides: efficient synthesis of halogenated oxazolines. New Journal of Chemistry, 2022, 46, 663-667.	2.8	10
351	Transition-metal-catalyzed carbonylative cross-coupling with alkyl carbon nucleophiles. Chem Catalysis, 2022, 2, 477-498.	6.1	10
352	Palladium-Catalyzed Direct Dicarbonylation of Amines with Ethylene to Imides. Organic Letters, 2022, 24, 451-456.	4.6	10
353	Copper-catalyzed hydroaminocarbonylation of benzylidenecyclopropanes: synthesis of Î³,Î´-unsaturated amides. Chemical Communications, 2022, 58, 6534-6537.	4.1	10
354	Catalyst-free synthesis of 2-aryl-1,2-dihydro-quinazolin-4(1H)-thiones from 2-aminobenzothio-amides and aldehydes in water. Organic and Biomolecular Chemistry, 2015, 13, 1150-1158.	2.8	9
355	Synthesis of Î² -Hydroxysulfides from Thiophenols and Disulfides with tert -Butyl Hydroperoxide as the Oxidant and Reactant. ChemistryOpen, 2016, 5, 315-318.	1.9	9
356	Nickel-catalysed carbonylative homologation of aryl iodides. Communications Chemistry, 2018, 1, .	4.5	9
357	Gold-Catalyzed Regiospecific Hydration of N-Tosyl Propargylic Amines. Organometallics, 2018, 37, 2837-2841.	2.3	9
358	Palladium-Catalyzed Carbonylative Coupling of Aryl Iodides with Alkenylaluminum Reagents. Organic Letters, 2019, 21, 7624-7629.	4.6	9
359	1â€Arylvinyl formats: A New CO Source and Ketone Source in Carbonylative Synthesis of Chalcone Derivatives. ChemCatChem, 2019, 11, 5252-5255.	3.7	9
360	The development of new pigments: Colorful g-C3N4-based catalysts for nicotine removal. Applied Catalysis B: Environmental, 2019, 254, 500-509.	20.2	9

#	Article	IF	Citations
361	Zincâ€catalyzed transformation of diarylphosphoryl azides to diarylphosphate esters and amides. Chemistry - an Asian Journal, 2020, 15, 1540-1543.	3.3	9
362	Ruthenium-catalyzed Suzuki coupling of anilines with alkenyl borates via selective aryl C N bond cleavage. Catalysis Communications, 2020, 140, 106009.	3.3	9
363	Palladiumâ€Catalyzed Carbonylative Synthesis of 1,5â€Dihydroâ€2Hâ€pyrrolâ€2â€ones from Propargyl Amines and Benzyl Chlorides. Advanced Synthesis and Catalysis, 2021, 363, 1878-1881.	4.3	9
364	The first bismuth self-mediated oxidative carbonylative coupling reaction via BiIII/BiV redox intermediates. Journal of Catalysis, 2021, 397, 201-204.	6.2	9
365	In situ grown palladium nanoparticles on polyester fabric as easy-separable and recyclable catalyst for Suzuki-Miyaura reaction. Catalysis Communications, 2021, 157, 106328.	3.3	9
366	Novel Isoquinolinamine and Isoindoloquinazolinone Compounds Exhibit Antiproliferative Activity in Acute Lymphoblastic Leukemia Cells. Biomolecules and Therapeutics, 2019, 27, 492-501.	2.4	9
367	Copper-Catalyzed Alkoxycarbonylation of Alkyl Iodides for the Synthesis of Aliphatic Esters: Hydrogen Makes the Difference. Organic Letters, 2021, 23, 8062-8066.	4.6	9
368	Palladium-catalyzed reductive desulfonative aminocarbonylation of benzylsulfonyl chlorides with nitroarenes towards arylacetamides. Organic Chemistry Frontiers, 2022, 9, 2079-2083.	4.5	9
369	Cobalt-Catalyzed Four-Component Carbonylation of Methylarenes with Ethylene and Alcohols. Journal of Organic Chemistry, 2022, 87, 6371-6377.	3.2	9
370	Palladium-Catalyzed Regio- and Stereoselective Hydroaminocarbonylation of Unsymmetrical Internal Alkynes toward Î±,Î²-Unsaturated Amides. Organic Letters, 2022, 24, 4464-4469.	4.6	9
371	Palladiumâ€Catalyzed Synthesis of Furans from Double Carbonylative Coupling of Aryl Halides with Terminal Alkynes. Asian Journal of Organic Chemistry, 2013, 2, 135-139.	2.7	8
372	Facile benzofuran synthesis: Palladium-catalyzed carbonylative Suzuki coupling of methyl 2-(2-iodophenoxy)acetates under CO gas-free conditions. Tetrahedron Letters, 2017, 58, 4153-4155.	1.4	8
373	Palladium-Catalyzed Carbonylative Synthesis of Heterocycles. Advances in Heterocyclic Chemistry, 2017, 121, 207-246.	1.7	8
374	Carbonylative coupling of N-chloroamines with alcohols: synthesis of esterification reagents. Organic and Biomolecular Chemistry, 2018, 16, 2643-2646.	2.8	8
375	Palladiumâ€Catalyzed Carbonylative Synthesis of Benzosilinones from (2â€Iodophenyl)Hydrosilanes and Terminal Alkynes. Advanced Synthesis and Catalysis, 2019, 361, 3441-3445.	4.3	8
376	Sulfonylation of Bismuth Reagents with Sulfinates or SO₂ through Bi^{III}/Bi^V Intermediates. Organometallics, 2021, 40, 2400-2404.	2.3	8
377	Ruthenium pincer complex-catalyzed heterocycle compatible alkoxycarbonylation of alkyl iodides: substrate keeps the catalyst active. Chemical Science, 2022, 13, 2481-2486.	7.4	8
378	Palladium-Catalyzed Denitrogenative Carbonylation of Benzotriazoles with Cr(CO)₆ as the Carbonyl Source. Organometallics, 2022, 41, 1731-1737.	2.3	8

#	Article	IF	Citations
379	C2-Symmetric dialkoxyphosphoramide and dialkoxythiophosphoramide derivatives of (1R,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5(addition reactions of diethylzinc to arylaldehydes. Chirality, 2002, 14, 90-95.	2.6	7
380	Palladium-catalyzed Heck reaction of in-situ generated benzylic iodides and styrenes. Tetrahedron Letters, 2017, 58, 3846-3850.	1.4	7
381	Ironâ€Catalyzed Regioselective Synthesis of 3â€Arylindoles. ChemistrySelect, 2017, 2, 6689-6692.	1.5	7
382	Convenient Palladiumâ€Catalyzed Reductive Carbonylation of Aryl Bromides Under Gasâ€Free Conditions. European Journal of Organic Chemistry, 2018, 2018, 2780-2783.	2.4	7
383	Pd/C-catalyzed reductive carbonylation of nitroaromatics for the synthesis of unsymmetrical ureas: one-step synthesis of neburon. New Journal of Chemistry, 2018, 42, 12472-12475.	2.8	7
384	Phosphite-catalyzed alkoxycarbonylation of aryl diazonium salts. Organic and Biomolecular Chemistry, 2018, 16, 6180-6182.	2.8	7
385	Palladiumâ€Catalyzed Carbonylative Synthesis of Nâ€Acetyl Benzoxazinones. ChemCatChem, 2018, 10, 3415-3418.	3.7	7
386	Cobaltâ€Catalyzed Carbonylative Cyclization of Allyl Propargyl Ethers with Benzeneâ€1,3,5â€triyl Triformate as the CO Source. Asian Journal of Organic Chemistry, 2019, 8, 238-241.	2.7	7
387	The Exploration of Aroyltrimethylgermane as Potent Synthetic Origins and Their Preparation. IScience, 2020, 23, 100771.	4.1	7
388	Heterogeneous Carbonylative Sonogashira Reaction Based on Pd/gâ€C₃N₄ Catalyst by Using Formic Acid as the CO Source. ChemistrySelect, 2021, 6, 7037-7039.	1.5	7
389	Palladium-catalyzed cascade Heck-type cyclization and reductive aminocarbonylation for the synthesis of functionalized amides. Organic and Biomolecular Chemistry, 2022, 20, 2605-2608.	2.8	7
390	Palladium-Catalyzed Desulfonative Carbonylation of Thiosulfonates: Elimination of SO₂ and Insertion of CO. Organic Letters, 2022, 24, 4820-4824.	4.6	7
391	A Straightforward Synthesis of Pyrazolines and Pyrazoles: Palladiumâ€Catalyzed Carbonylative Vinylationâ€“Cyclocondensation Reactions of Aryl Halides. European Journal of Organic Chemistry, 2011, 2011, 4919-4924.	2.4	6
392	Palladium-catalyzed synthesis of primary benzamides from aryl bromides via a cyanation and hydration sequence. RSC Advances, 2015, 5, 21001-21004.	3.6	6
393	Palladiumâ€Catalyzed Solventâ€Dependent Divergent Synthesis of Benzylformamides. Advanced Synthesis and Catalysis, 2018, 360, 3412-3417.	4.3	6
394	Photocatalytic Synthesis of Stilbenes via Crossâ€Coupling of Alkenyl Boronic Acids and Arenediazonium Tetrafluoroborate Salts. ChemPhotoChem, 2020, 4, 713.	3.0	6
395	Palladium-catalyzed directing group assisted and regioselectivity reversed cyclocarbonylation of arylallenes with 2-iodoanilines. Organic Chemistry Frontiers, 2021, 8, 792-798.	4.5	6
396	Palladium-catalyzed 1,2-amino carbonylation of 1,3-dienes with (N-SO₂Py)-2-iodoanilines: 2,3-dihydroquinolin-4(1H)-ones synthesis. Organic Chemistry Frontiers, 2021, 8, 2429-2433.	4.5	6

#	Article	IF	Citations
397	Hydroxy-, Alkoxy- and Aminocarbonylations of Câ€“X Bonds. , 2013, , 13-52.		6
398	Manganese(III)â€Promoted Double Carbonylation of Anilines Toward Î±â€Ketoamides Synthesis. Advanced Synthesis and Catalysis, 2022, 364, 487-492.	4.3	6
399	Copperâ€Catalyzed Substrateâ€Controlled Carbonylative Synthesis of Î±â€Keto Amides and Amides from Alkyl Halides. Angewandte Chemie, 2022, 134, .	2.0	6
400	Carbonylierungen mit CO₂ als COâ€Quelle und ReaktivitÃtsmodifikator. Angewandte Chemie, 2017, 129, 5485-5487.	2.0	5
401	A general and practical Lewis acids-catalyzed aryl formates synthesis. Molecular Catalysis, 2017, 433, 8-11.	2.0	5
402	Palladium catalyzed carbonylation of benzyl chlorides: Additive-controlled divergent synthesis of benzyl arylacetates and arylacetic acids. Journal of Catalysis, 2018, 368, 275-278.	6.2	5
403	Palladium-Catalyzed Synthesis of Aldehydes from Aryl Iodides and Formic acid with Propylphosphonic Anhydride as the Activator. Scientific Reports, 2018, 8, 8389.	3.3	5
404	Synthesis of Esters from Stable and Convenient Sulfoxonium Precursors under Catalyst- and Additive-Free Conditions. Synlett, 2019, 30, 1820-1824.	1.8	5
405	Carbonylative Acetylation of Heterocycles. European Journal of Organic Chemistry, 2020, 2020, 213-216.	2.4	5
406	Fourâ€Component Borocarbonylation of Vinylarenes Enabled by Cooperative Cu/Pd Catalysis: Access to Î²â€Boryl Ketones and Î²â€Boryl Vinyl Esters. Angewandte Chemie, 2020, 132, 17203-17209.	2.0	5
407	Ironâ€Catalyzed Synthesis of 2â€Aminofurans from 2â€Haloketones and Tertiary Amines or Enamines. European Journal of Organic Chemistry, 2020, 2020, 2605-2616.	2.4	5
408	Palladium-catalyzed carbonylative synthesis of 3-arylquinolin-2(1H)-ones from benzyl chlorides and o-nitrobenzaldehydes. Molecular Catalysis, 2021, 514, 111842.	2.0	5
409	Synthesis of Aryl Methyl Sulfides from Arysulfonyl Chlorides with Dimethyl Carbonate as the Solvent and C1 Source. European Journal of Organic Chemistry, 2021, 2021, 5219-5221.	2.4	5
410	Metal-free synthesis of 3-trifluoromethyl-1,2,4-triazoles via oxidative cyclization of trifluoroacetimidohydrazides with N,N-dimethylformamide as carbon synthons. Green Synthesis and Catalysis, 2022, 3, 385-388.	6.8	5
411	Carbonylative Heck Reactions. , 2013, , 133-146.		4
412	A metal-free three components procedure for the synthesis of perfluoroalkyl substituted amidines. Tetrahedron Letters, 2017, 58, 3751-3753.	1.4	4
413	Palladium-catalyzed construction of amidines from arylsilanes in the absence of a ligand under oxidative conditions. New Journal of Chemistry, 2018, 42, 10396-10399.	2.8	4
414	Isoquinolinamine FX-9 Exhibits Anti-Mitotic Activity in Human and Canine Prostate Carcinoma Cell Lines. International Journal of Molecular Sciences, 2019, 20, 5567.	4.1	4

#	Article	IF	Citations
415	Palladium-catalyzed methylation of terminal alkynes. Catalysis Communications, 2020, 133, 105835.	3.3	4
416	Disulfide Promoted Câ^'P Bond Cleavage of Phosphoramide: â€œPâ€•Surrogates to Synthesize Phosphonates and Phosphinates. Advanced Synthesis and Catalysis, 2020, 362, 4755-4760.	4.3	4
417	Rhodium-Catalyzed Carbonylative Synthesis of Aryl Salicylates from Unactivated Phenols. Organic Letters, 2020, 22, 6050-6054.	4.6	4
418	Copper-catalyzed borylative cyclization of Î³,Î´-unsaturated aromatic oxime esters to (borylmethyl)pyrrolidines. Organic Chemistry Frontiers, 2020, 7, 3382-3386.	4.5	4
419	Pd/C-Catalyzed methoxycarbonylation of aryl chlorides. Molecular Catalysis, 2020, 493, 111043.	2.0	4
420	Rutheniumâ€Catalyzed orthoâ€Alkenylation of Aroylgermanes. European Journal of Organic Chemistry, 2020, 2020, 2842-2845.	2.4	4
421	Synthesis of Linear Î±,Î²-Unsaturated Amides from Isocyanates and Alkenylaluminum Reagents. Synlett, 2020, 31, 788-792.	1.8	4
422	Ligandâ€Controlled Copperâ€Catalyzed Regiodivergent Carbonylative Synthesis of Î±â€Amino Ketones and Î±â€Boryl Amides from Imines and Alkyl Iodides. Angewandte Chemie, 2021, 133, 705-710.	2.0	4
423	Pincer Ligand Enhanced Rhodiumâ€Catalyzed Carbonylation of Formaldehyde: Direct Ethylene Glycol Production. Asian Journal of Organic Chemistry, 2021, 10, 245-250.	2.7	4
424	Palladium-catalyzed carbonylative synthesis of aryl esters from p-benzoquinones and aryl triflates. Organic and Biomolecular Chemistry, 2021, 19, 7353-7356.	2.8	4
425	Pd/Cuâ€Catalyzed Defluorinative Carbonylative Coupling of Aryl Iodides and gem â€Difluoroalkenes: Efficient Synthesis of Î±â€Fluorochalcones. Angewandte Chemie, 2021, 133, 8900-8904.	2.0	4
426	Ligandâ€Controlled Regiodivergent Thiocarbonylation of Alkynes toward Linear and Branched Î±,Î²â€Unsaturated Thioesters. Angewandte Chemie, 2021, 133, 17315-17321.	2.0	4
427	Palladiumâ€Catalyzed Perfluoroalkylative Carbonylation of Unactivated Alkenes: Access to Î²â€Perfluoroalkyl Esters. Angewandte Chemie, 0, , .	2.0	4
428	Oxidative Carbonylation Reactions. , 2013, , 147-166.		4
429	Manganese(<scp>iii</scp>)-promoted thiocarbonylation of alkylborates with disulfides: synthesis of aliphatic thioesters. Organic and Biomolecular Chemistry, 2021, 19, 9654-9658.	2.8	4
430	Palladium-Catalyzed Reductive Aminocarbonylation of o-Iodophenol-Derived Allyl Ethers with o-Nitrobenzaldehydes to 3-Alkenylquinolin-2(1H)-ones. Organic Letters, 2022, 24, 2248-2252.	4.6	4
431	Synthesis of Pyrimidine. , 2017, , 5-54.		3
432	Synthesis of 1,3,4-Oxadiazoles via Annulation of Hydrazides and Benzene-1,3,5-triyl Triformate under Metal-Free Conditions. Synthesis, 2018, 50, 3238-3242.	2.3	3

#	Article	IF	Citations
433	Palladiumâ€Catalyzed Carbonylative Synthesis of Benzyl Benzoates Employing Benzyl Formates as Both CO Surrogates and Benzyl Alcohol Sources. European Journal of Organic Chemistry, 2019, 2019, 3776-3778.	2.4	3
434	Deaminative carbonylative thioesterification of activated alkylamines with thiophenols under transition-metal-free conditions. Organic Chemistry Frontiers, 2021, 8, 670-675.	4.5	3
435	Efficient synthesis of 2-trifluoromethyl-benzimidazoles via cascade annulation of trifluoroacetimidoyl chlorides and amines based on a heterogeneous copper doped g-C3N4 catalyst. Molecular Catalysis, 2021, 513, 111767.	2.0	3
436	Pdâ€Catalyzed Carbonylative Synthesis of 4Hâ€Benzo[d][1,3]Oxazinâ€4â€Ones Using Benzeneâ€1,3,5â€Triyl Triformate as the CO Source. Chemistry - A European Journal, 2021, 27, 16219-16224.	3.3	3
437	Additive-Controlled Divergent Synthesis of Indole and 4H-Benzo[d][1,3]oxazine Derivatives: Palladium-Catalyzed Carbonylative Cyclization of 2-Alkynylanilines and Benzyl Chlorides. Journal of Organic Chemistry, 2022, , .	3.2	3
438	Cobaltâ€Catalyzed Direct Aminocarbonylation of Ethers: Efficient Access to Î±â€Amide Substituted Ether Derivatives. Angewandte Chemie, 2022, 134, .	2.0	3
439	Cobalt-catalyzed carbonylative cyclization of N-(2-Vinylphenyl)nicotinamides to access (NH)-quinolin-2(1H)-ones. Molecular Catalysis, 2022, 524, 112267.	2.0	3
440	Palladium-catalyzed norbornene-mediated dehydrogenative annulation of 3-iodochromones with trifluoroacetimidoyl chlorides for the construction of trifluoromethyl-substituted chromeno[2,3-c]quinolin-12-ones. Molecular Catalysis, 2022, 524, 112320.	2.0	3
441	Synthesized by [2+2+1] Cyclization Reactions. , 2016, , 3-7.		2
442	Palladium-catalyzed carbonylative/decarboxylative cross-coupling of Î±-bromo-ketones with allylic alcohols to Î³,Î´-unsaturated ketones. Tetrahedron Letters, 2019, 60, 150991.	1.4	2
443	Palladium-Catalyzed Carbonylative Synthesis of Benzogerminones. Synlett, 2019, 30, 1592-1596.	1.8	2
444	Palladium-catalyzed carbonylative synthesis of arylacetamides from benzyl formates and tertiary amines. Organic Chemistry Frontiers, 2020, 7, 3406-3410.	4.5	2
445	Palladium/aluminium-cocatalyzed carbonylative synthesis of 2-chloroethyl benzoates from epoxides and aryl iodides. Journal of Organometallic Chemistry, 2020, 910, 121114.	1.8	2
446	Rhodium-catalyzed carbonylative dimerization of butyl acrylate: AÂmodel study. Journal of Organometallic Chemistry, 2020, 910, 121134.	1.8	2
447	Rhodium-catalyzed borylative carbon monoxide reduction to gem-diborylmethane. Catalysis Communications, 2021, 149, 106205.	3.3	2
448	Copperâ€Catalyzed Borylative Methylation of Alkyl Iodides with CO as the C1 Source: Advantaged by Faster Reaction of CuH over CuBpin. Angewandte Chemie, 2021, 133, 11836-11840.	2.0	2
449	Palladium-catalyzed carbonylative synthesis of quinazolines: Silane act as better nucleophile than amidine. Molecular Catalysis, 2021, 509, 111627.	2.0	2
450	Cobalt-catalyzed carbonylative cycloaddition of substituted diynes to access complexed polycyclic compounds. Organic Chemistry Frontiers, 2021, 8, 4188-4191.	4.5	2

#	Article	IF	Citations
451	Carbonylative Sonogashira Reactions. , 2013, , 95-114.		2
452	Carbonylative Câ€“H Activations. , 2013, , 115-132.		2
453	Palladiumâ€Catalyzed Carbonylative Synthesis of 1â€Acylâ€1,5â€dihydroâ€2 H â€pyrrolâ€2â€ones from Propargyl Amines and Acid Chlorides. ChemistrySelect, 2021, 6, 12220-12223.	1.5	2
454	Palladium-catalyzed aminocarbonylative cyclization of benzyl chlorides with 2-nitroaryl alkynes to construct indole derivatives. Molecular Catalysis, 2022, 524, 112302.	2.0	2
455	Cobalt-catalyzed C-H annulation of N-aroylpicolinamides with alkynes for (NH)-isoquinolones synthesis. Molecular Catalysis, 2022, 524, 112303.	2.0	2
456	Metal-free Synthesis of 5-Trifluoromethyl-1,2,4-triazoles via elemental sulfur promoted oxidative cyclization of trifluoroacetimidohydrazides with benzylic and aliphatic amines. Molecular Catalysis, 2022, 524, 112336.	2.0	2
457	Visible-light-induced defluorinative carbonylative coupling of alkyl iodides with Î±-trifluoromethyl substituted styrenes. Organic and Biomolecular Chemistry, 2022, 20, 5264-5269.	2.8	2
458	Nickelâ€Catalyzed Fourâ€Component Carbonylation of Ethers and Olefins: Direct Access to Î³â€Oxy Esters and Amides. Angewandte Chemie, 0, , .	2.0	2
459	Palladium-catalyzed carbonylative synthesis of substituted cyclopentenones from aryl iodides and internal alkynes. Organic and Biomolecular Chemistry, 2019, 17, 5882-5885.	2.8	1
460	Palladium-catalyzed carbonylative transformation of phenols via in-situ triflyl exchangement. Journal of Catalysis, 2020, 389, 502-505.	6.2	1
461	Palladium-catalyzed carbonylation of iminoquinones and aryl iodides to access aryl p-amino benzoates. Organic and Biomolecular Chemistry, 2021, 19, 8246-8249.	2.8	1
462	A Discussion Between Carbonylation, Noncarbonylation and Decarbonylation. , 2013, , 215-221.		1
463	Carbonylative Coupling Reactions with Organometallic Reagents. , 2013, , 65-94.		1
464	Cobalt-catalyzed regioselective cycloaddition of unsymmetric diynes and nitriles to form substituted pyridines. Molecular Catalysis, 2021, 516, 111956.	2.0	1
465	Palladium-catalyzed carbonylation of propargyl diols with primary amines for the synthesis of functionalized acids. Journal of Organometallic Chemistry, 2021, 956, 122115.	1.8	1
466	Palladium-Catalyzed Carbonylative Synthesis of Six-Membered Heterocycles from Aryl Halides. Topics in Heterocyclic Chemistry, 2015, , 55-87.	0.2	0
467	Synthesized by [4+1] Cyclization Reactions. , 2016, , 33-37.		0
468	Synthesized by Intramolecular Cyclizations. , 2016, , 39-106.		0

#	Article	IF	Citations
469	Synthesized by [3+2] Cyclization Reactions. , 2016, , 9-32.		0
470	Frontispiece: Palladiumâ€Catalyzed Carbonylative Multicomponent Reactions. Chemistry - A European Journal, 2017, 23, .	3.3	0
471	Synthesis of Pyrazine. , 2017, , 55-71.		0
472	Synthesis of Pyridazine. , 2017, , 73-77.		0
473	Synthesis of Triazine. , 2017, , 79-93.		0
474	Front Cover: A Convenient Palladium-Catalyzed Aminocarbonylation of Aryl Iodides to Primary Amides under Gas-Free Conditions (Eur. J. Org. Chem. 48/2017). European Journal of Organic Chemistry, 2017, 2017, 7202-7202.	2.4	0
475	NHC ligand-powered palladium-catalyzed carbonylative Câ€“S bond cleavage of vinyl sulfides: efficient access to tert-butyl arylacrylates. Organic and Biomolecular Chemistry, 2020, 18, 9796-9799.	2.8	0
476	Palladium-catalyzed carbonylative synthesis of acylstannanes from aryl iodides and hexamethyldistannane. Journal of Organometallic Chemistry, 2020, 923, 121351.	1.8	0
477	Evaluation of combination protocols of the chemotherapeutic agent FX-9 with azacitidine, dichloroacetic acid, doxorubicin or carboplatin on prostate carcinoma cell lines. PLoS ONE, 2021, 16, e0256468.	2.5	0
478	Applications in Total Synthesis. , 2013, , 187-213.		0
479	Cobalt-catalyzed regiodivergent synthesis of 5- and 6-substituted 1,3-dihydroisobenzofurans via cycloaddition of diynes and alkynes. Molecular Catalysis, 2021, 516, 111989.	2.0	0