

# Wanqing Wu

## List of Publications by Citations

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196  
papers

7,444  
citations

47  
h-index

76  
g-index

204  
ext. papers

8,583  
ext. citations

6.2  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
196	Palladium-catalyzed oxidation of unsaturated hydrocarbons using molecular oxygen. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 1736-48	24.3	454
195	Transition metal-catalyzed C-H functionalization of N-oxyenamine internal oxidants. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 1155-71	58.5	426
194	Copper-catalyzed coupling of oxime acetates with sodium sulfonates: an efficient synthesis of sulfone derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4205-8	16.4	242
193	Haloalkynes: a powerful and versatile building block in organic synthesis. <i>Accounts of Chemical Research</i> , <b>2014</b> , 47, 2483-504	24.3	210
192	Copper-catalyzed aerobic oxidative N-S bond functionalization for C-S bond formation: regio- and stereoselective synthesis of sulfones and thioethers. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 7911-5	4.8	183
191	Transition-metal-free synthesis of vinyl sulfones via tandem cross-decarboxylative/coupling reactions of sodium sulfonates and cinnamic acids. <i>Green Chemistry</i> , <b>2014</b> , 16, 3720-3723	10	137
190	Copper-catalyzed sulfonamides formation from sodium sulfonates and amines. <i>Chemical Communications</i> , <b>2013</b> , 49, 6102-4	5.8	129
189	Copper-Catalyzed Oxidative Carbon-Carbon and/or Carbon-Heteroatom Bond Formation with O or Internal Oxidants. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 1092-1105	24.3	125
188	Recent advances in the synthesis of cyclopropanes. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 7315-7329	33.9	109
187	An efficient synthesis of polysubstituted pyrroles via copper-catalyzed coupling of oxime acetates with dialkyl acetylenedicarboxylates under aerobic conditions. <i>Chemical Communications</i> , <b>2013</b> , 49, 9597-9	5.8	105
186	Copper-Catalyzed Intermolecular Oxidative Cyclization of Halo-alkynes: Synthesis of 2-Halo-substituted Imidazo[1,2-a]pyridines, Imidazo[1,2-a]pyrazines and Imidazo[1,2-a]pyrimidines. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 2263-2273	5.6	97
185	Copper(I)-catalyzed synthesis of 2,5-disubstituted furans and thiophenes from haloalkynes or 1,3-diynes. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 5179-83	4.2	95
184	Copper-catalyzed oxidative [2 + 2 + 1] cycloaddition: regioselective synthesis of 1,3-oxazoles from internal alkynes and nitriles. <i>Chemical Science</i> , <b>2012</b> , 3, 3463	9.4	94
183	Ag-Catalyzed Oxidative Cyclization Reaction of 1,6-Enynes and Sodium Sulfinate: Access to Sulfonylated Benzofurans. <i>Organic Letters</i> , <b>2017</b> , 19, 2825-2828	6.2	88
182	Palladium-catalyzed cascade annulation to construct functionalized $\beta$ -amido $\beta$ -lactones in ionic liquids. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 7219-22	16.4	85
181	Palladium-catalyzed intermolecular dehydrogenative aminohalogenation of alkenes under molecular oxygen: an approach to brominated enamines. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 5286-9	16.4	84
180	Cu-Catalyzed Three-Component Cascade Annulation Reaction: An Entry to Functionalized Pyridines. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 8763-71	4.2	82

179	Copper-Catalyzed Coupling of Oxime Acetates with Isothiocyanates: A Strategy for 2-Aminothiazoles. <i>Organic Letters</i> , <b>2016</b> , 18, 180-3	6.2	82
178	Chemoselective Synthesis of Unsymmetrical Internal Alkynes or Vinyl Sulfones via Palladium-Catalyzed Cross-Coupling Reaction of Sodium Sulfinates with Alkynes. <i>Advanced Synthesis and Catalysis</i> , <b>2014</b> , 356, 2029-2039	5.6	78
177	Recent advances in organic synthesis with CO <sub>2</sub> as C1 synthon. <i>Current Opinion in Green and Sustainable Chemistry</i> , <b>2017</b> , 3, 22-27	7.9	77
176	Palladium-Catalyzed Oxidative Sulfenylation of Indoles and Related Electron-Rich Heteroarenes with Aryl Boronic Acids and Elemental Sulfur. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 7771-83	4.2	77
175	Palladium-catalyzed intermolecular aerobic oxidative cyclization of 2-ethynylanilines with isocyanides: regioselective synthesis of 4-halo-2-aminoquinolines. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 10319-28	4.2	72
174	Copper-Catalyzed Oxidative C(sp <sup>3</sup> )-H Functionalization for Facile Synthesis of 1,2,4-Triazoles and 1,3,5-Triazines from Amidines. <i>Organic Letters</i> , <b>2015</b> , 17, 2894-7	6.2	72
173	Recent Advances in Pd-Catalyzed Cross-Coupling Reaction in Ionic Liquids. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 1284-1306	3.2	72
172	Dual Catalysis: Proton/Metal-Catalyzed Tandem Benzofuran Annulation/Carbene Transfer Reaction. <i>Organic Letters</i> , <b>2016</b> , 18, 1322-5	6.2	69
171	Copper-catalyzed aerobic oxidative transformation of ketone-derived N-tosyl hydrazones: an entry to alkynes. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 14485-9	16.4	68
170	Copper-Catalyzed Aerobic Oxidative Regioselective Thiocyanation of Aromatics and Heteroaromatics. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 9312-9320	4.2	66
169	Iron-Catalyzed Synthesis of 2H-Imidazoles from Oxime Acetates and Vinyl Azides under Redox-Neutral Conditions. <i>Organic Letters</i> , <b>2017</b> , 19, 1370-1373	6.2	64
168	Pd-Catalyzed Highly Regio- and Stereoselective Formation of C-C Double Bonds: An Efficient Method for the Synthesis of Benzofuran-, Dihydrobenzofuran-, and Indoline-Containing Alkenes. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 7456-67	4.2	62
167	Assembly of 3-Sulfonylbenzofurans and 3-Sulfonylindoles by Palladium-Catalyzed Cascade Annulation/Arylthiolation Reaction. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 2875-87	4.2	61
166	Synthesis of enaminones via copper-catalyzed decarboxylative coupling reaction under redox-neutral conditions. <i>Chemical Communications</i> , <b>2017</b> , 53, 3228-3231	5.8	60
165	Palladium-catalyzed oxidative coupling of aromatic primary amines and alkenes under molecular oxygen: stereoselective assembly of (Z)-enamines. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 11155-62	4.2	60
164	Palladium-catalyzed Heck-type reaction of oximes with allylic alcohols: synthesis of pyridines and azaflorenones. <i>Chemical Communications</i> , <b>2016</b> , 52, 84-7	5.8	57
163	Copper-Catalyzed C(sp <sup>3</sup> )-H/C(sp <sup>3</sup> )-H Cross-Dehydrogenative Coupling with Internal Oxidants: Synthesis of 2-Trifluoromethyl-Substituted Dihydropyrrol-2-ols. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13324-13328	16.4	57
162	Synthesis of Sulfonylated Lactones via Ag-Catalyzed Cascade Sulfonylation/Cyclization of 1,6-Enynes with Sodium Sulfinates. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 1224-1230	4.2	56

161	NBS-promoted halosulfonylation of terminal alkynes: highly regio- and stereoselective synthesis of (E)-halo vinylsulfones. <i>Organic Chemistry Frontiers</i> , <b>2014</b> , 1, 361-364	5.2	56
160	Practical Synthesis of Polysubstituted Imidazoles via Iodine- Catalyzed Aerobic Oxidative Cyclization of Aryl Ketones and Benzylamines. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 170-180	5.6	56
159	Csp(3)-P versus Csp(2)-P Bond Formation: Catalyst-Controlled Highly Regioselective Tandem Reaction of Ene-Yne-Ketones with H-Phosphonates. <i>Organic Letters</i> , <b>2016</b> , 18, 400-3	6.2	55
158	Palladium-Catalyzed Intermolecular Aerobic Annulation of o-Alkenylanilines and Alkynes for Quinoline Synthesis. <i>Organic Letters</i> , <b>2016</b> , 18, 3514-7	6.2	53
157	Palladium-catalyzed oxidative annulation of acrylic acid and amide with alkynes: a practical route to synthesize $\beta$ pyrones and pyridones. <i>Organic Letters</i> , <b>2014</b> , 16, 2146-9	6.2	53
156	Palladium-Catalyzed C-H Functionalization of Aromatic Oximes: A Strategy for the Synthesis of Isoquinolines. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 1401-9	4.2	52
155	Palladium-Catalyzed Sequential Nucleophilic Addition/Oxidative Annulation of Bromoalkynes with Benzoic Acids To Construct Functionalized Isocoumarins. <i>Organic Letters</i> , <b>2017</b> , 19, 4440-4443	6.2	51
154	Copper-Catalyzed Coupling of Oxime Acetates with Sodium Sulfinates: An Efficient Synthesis of Sulfone Derivatives. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4289-4292	3.6	50
153	Silver-Catalyzed Regio- and Stereoselective Thiocyanation of Haloalkynes: Access to (Z)-Vinyl Thiocyanates. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 1208-1212	5.6	49
152	Access to Thiazole via Copper-Catalyzed [3+1+1]-Type Condensation Reaction under Redox-Neutral Conditions. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 11461-11466	4.2	49
151	Recent developments in palladium-catalyzed C $\beta$ bond formation. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 1395-1417	5.2	49
150	Pd-Catalyzed C-H activation/oxidative cyclization of acetanilide with norbornene: concise access to functionalized indolines. <i>Chemical Communications</i> , <b>2014</b> , 50, 8370-3	5.8	48
149	Palladium-catalyzed intermolecular oxyvinylcyclization of alkenes with alkynes: an approach to 3-methylene $\beta$ actones and tetrahydrofurans. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 10734-42	4.2	47
148	Palladium-catalyzed aerobic oxidative allylic C-H arylation of alkenes with polyfluorobenzenes. <i>Chemical Communications</i> , <b>2014</b> , 50, 7202-4	5.8	46
147	Palladium-catalyzed Csp(2)-H carbonylation of aromatic oximes: selective access to benzo[d][1,2]oxazin-1-ones and 3-methyleneisoindolin-1-ones. <i>Chemical Communications</i> , <b>2015</b> , 51, 6843-6	5.8	45
146	Palladium-catalyzed regioselective azidation of allylic C-H bonds under atmospheric pressure of dioxygen. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 3340-3	3.9	45
145	Palladium-Catalyzed Oxidative Allylation of Sulfoxonium Ylides: Regioselective Synthesis of Conjugated Dienones. <i>Organic Letters</i> , <b>2019</b> , 21, 872-875	6.2	43
144	Calcium carbide as the acetylide source: transition-metal-free synthesis of substituted pyrazoles via [1,5]-sigmatropic rearrangements. <i>Green Chemistry</i> , <b>2016</b> , 18, 6445-6449	10	43

143	Palladium-catalyzed oxidative carbonylation for the synthesis of polycyclic aromatic hydrocarbons (PAHs). <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 11246-53	4.2	43
142	Palladium-catalyzed selective aminoamidation and aminocyanation of alkenes using isonitrile as amide and cyanide sources. <i>Chemical Communications</i> , <b>2014</b> , 50, 15348-51	5.8	43
141	Palladium-catalyzed tandem annulation: a strategy to construct 2,3-difunctionalized benzofuran derivatives in ionic liquids. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 3870-9	4.2	42
140	Iodine-catalyzed cascade annulation of alkynes with sodium arylsulfonates: assembly of 3-sulfenylcoumarin and 3-sulfenylquinolinone derivatives. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 1751-1756 <sup>5,2</sup>	5.2	41
139	A Four-Component Reaction Strategy for Pyrimidine Carboxamide Synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 1289-1293	16.4	41
138	Palladium-Catalyzed Redox-Neutral N-O/C(sp)-H Functionalization of Aryl Oximes with Isocyanides. <i>Organic Letters</i> , <b>2017</b> , 19, 678-681	6.2	40
137	Palladium-Catalyzed Fluoroalkylative Cyclization of Olefins. <i>Organic Letters</i> , <b>2017</b> , 19, 1008-1011	6.2	40
136	Copper-Catalyzed Oxysulfenylation of Enolates with Sodium Sulfonates: A Strategy To Construct Sulfenylated Cyclic Ethers. <i>Organic Letters</i> , <b>2016</b> , 18, 1158-61	6.2	39
135	Novel palladium-catalyzed cascade carboxylative annulation to construct functionalized lactones in ionic liquids. <i>Chemical Communications</i> , <b>2014</b> , 50, 1381-3	5.8	38
134	Copper-catalyzed cyanothiolation to incorporate a sulfur-substituted quaternary carbon center. <i>Chemical Science</i> , <b>2017</b> , 8, 7047-7051	9.4	38
133	Palladium-Catalyzed Oxidation Reactions of Alkenes with Green Oxidants. <i>ChemSusChem</i> , <b>2019</b> , 12, 2918-2935 <sup>3,7</sup>	12.9	37
132	Copper-catalyzed coupling of oxime acetates and aryldiazonium salts: an azide-free strategy toward N-2-aryl-1,2,3-triazoles. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 571-576	5.2	37
131	Palladium-Catalyzed Allylic C-H Oxidative Annulation for Assembly of Functionalized 2-Substituted Quinoline Derivatives. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 12189-12196	4.2	37
130	Transition-Metal-Free Cyclopropanation of 2-Aminoacrylates with N-Tosylhydrazones: A General Route to Cyclopropane $\beta$ -Amino Acid with Contiguous Quaternary Carbon Centers. <i>Organic Letters</i> , <b>2016</b> , 18, 1470-3	6.2	37
129	Palladium-Catalyzed Multicomponent Reaction (MCR) of Propargylic Carbonates with Isocyanides. <i>Organic Letters</i> , <b>2016</b> , 18, 5924-5927	6.2	36
128	Palladium-catalyzed coupling of alkynes with unactivated alkenes in ionic liquids: a regio- and stereoselective synthesis of functionalized 1,6-dienes and their analogues. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 12477-86	4.2	36
127	Copper-Mediated [3 + 2] Oxidative Cyclization Reaction of N-Tosylhydrazones and $\beta$ -Ketoesters: Synthesis of 2,3,5-Trisubstituted Furans. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 5014-20	4.2	36
126	Synthesis of 2,3-Difunctionalized Benzofuran Derivatives through Palladium-Catalyzed Double Isocyanide Insertion Reaction. <i>Organic Letters</i> , <b>2018</b> , 20, 3500-3503	6.2	35

- 125 Efficient access to 1H-indazoles via copper-catalyzed cross-coupling/cyclization of 2-bromoaryl oxime acetates and amines. *Organic Chemistry Frontiers*, **2014**, 1, 1295-1298 5.2 35
- 124 Copper-Catalyzed Synthesis of Substituted Quinazolines from Benzonitriles and 2-Ethynylanilines via Carbon-Carbon Bond Cleavage Using Molecular Oxygen. *Journal of Organic Chemistry*, **2018**, 83, 5458-5466 4.2 34
- 123 Transition-Metal-Free Diastereoselective Epoxidation of Trifluoromethylketones with N-Tosylhydrazones: Access to Tetrasubstituted Trifluoromethylated Oxiranes. *Organic Letters*, **2016**, 18, 4008-11 6.2 34
- 122 Palladium-catalyzed cascade reaction of haloalkynes with unactivated alkenes for assembly of functionalized oxetanes. *Organic Chemistry Frontiers*, **2017**, 4, 373-376 5.2 33
- 121 Controllable assembly of the benzothiazole framework using a C[triple bond, length as m-dash]C triple bond as a one-carbon synthon. *Chemical Communications*, **2018**, 54, 1742-1745 5.8 33
- 120 Metal-Free Catalyzed Regioselective Allylic Trifluoromethanesulfonylation of Aromatic Allylic Alcohols with Sodium Trifluoromethanesulfinate. *Journal of Organic Chemistry*, **2016**, 81, 1304-9 4.2 33
- 119 Divergent Syntheses of Isoquinolines and Indolo[1,2-a]quinazolines by Copper-Catalyzed Cascade Annulation from 2-Haloaryloxime Acetates with Active Methylene Compounds and Indoles. *Journal of Organic Chemistry*, **2016**, 81, 2053-61 4.2 33
- 118 Palladium-catalyzed aerobic oxidative double allylic C-H oxygenation of alkenes: a novel and straightforward route to  $\alpha,\beta$ -unsaturated esters. *Chemical Communications*, **2015**, 51, 9575-8 5.8 32
- 117 Synthesis of Polysubstituted 3-Amino Pyrroles via Palladium-Catalyzed Multicomponent Reaction. *Journal of Organic Chemistry*, **2017**, 82, 3581-3588 4.2 30
- 116 Access to  $\alpha$ -Amino Acid Esters through Palladium-Catalyzed Oxidative Amination of Vinyl Ethers with Hydrogen Peroxide as the Oxidant and Oxygen Source. *Angewandte Chemie - International Edition*, **2017**, 56, 15926-15930 16.4 30
- 115 Transition Metal Free Intermolecular Direct Oxidative C-N Bond Formation to Polysubstituted Pyrimidines Using Molecular Oxygen as the Sole Oxidant. *Journal of Organic Chemistry*, **2016**, 81, 5538-46 4.2 29
- 114 One-Pot Synthesis of Spirocyclic or Fused Pyrazoles from Cyclic Ketones: Calcium Carbide as the Carbon Source in Ring Expansion. *Journal of Organic Chemistry*, **2017**, 82, 9479-9486 4.2 29
- 113 Palladium-Catalyzed Denitrogenative Synthesis of Aryl Ketones from Arylhydrazines and Nitriles Using O as Sole Oxidant. *Journal of Organic Chemistry*, **2017**, 82, 2211-2218 4.2 28
- 112 Dual Role of HO in Palladium-Catalyzed Dioxygenation of Terminal Alkenes. *Organic Letters*, **2017**, 19, 3354-3357 6.2 28
- 111 Selective Construction of 2-Substituted Benzothiazoles from o-Iodoaniline Derivatives S and N-Tosylhydrazones. *Journal of Organic Chemistry*, **2018**, 83, 2460-2466 4.2 28
- 110 Copper-Catalyzed Cyanation of N-Tosylhydrazones with Thiocyanate Salt as the "CN" Source. *Journal of Organic Chemistry*, **2017**, 82, 7621-7627 4.2 28
- 109 Amide Oxygen-Assisted Palladium-Catalyzed Hydration of Alkynes. *Journal of Organic Chemistry*, **2015**, 80, 7594-603 4.2 27
- 108 Iridium-Catalyzed Three-component Coupling Reaction of Carbon Dioxide, Amines, and Sulfoxonium Ylides. *Organic Letters*, **2019**, 21, 1125-1129 6.2 27

107	Palladium-Catalyzed Desulfative Oxidative Coupling between Arenesulfonic Acid Salts and Allylic Alcohols: A Strategy for the Selective Construction of $\beta$ -Aryl Ketones and Aldehydes. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 8903-9	4.2	26
106	Zinc-Catalyzed Tandem Diels-Alder Reactions of Enynals with Alkenes: Generation and Trapping of Cyclic $\alpha$ -Quinodimethanes ( $\alpha$ -QDMs). <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 2684-2691	5.6	26
105	Palladium-Catalyzed Intermolecular Oxidative Coupling Reactions of (Z)-Enamines with Isocyanides through Selective $\beta$ (sp <sup>2</sup> )-H and/or C=C Bond Cleavage. <i>Chinese Journal of Chemistry</i> , <b>2018</b> , 36, 712-715	4.9	25
104	A Three-Phase Four-Component Coupling Reaction: Selective Synthesis of $\alpha$ -Chloro Benzoates by KCl, Arynes, CO, and Chloroalkanes. <i>Organic Letters</i> , <b>2019</b> , 21, 345-349	6.2	25
103	Copper-Catalyzed Unstrained C-C Single Bond Cleavage of Acyclic Oxime Acetates Using Air: An Internal Oxidant-Triggered Strategy toward Nitriles and Ketones. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 14713-14722	4.2	25
102	Palladium-Catalyzed Cascade Cyclization/Alkynylation Reactions. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 4114-4128	4.5	24
101	Synthesis of polysubstituted pyrroles via Pd-catalyzed oxidative alkene C-H bond arylation and amination. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 1235-42	4.2	24
100	Recent advances in metal catalyzed or mediated cyclization/functionalization of alkynes to construct isoxazoles. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 2325-2348	5.2	24
99	Palladium-catalyzed regioselective hydroboration of aryl alkenes with Bpin. <i>Chemical Communications</i> , <b>2018</b> , 54, 1770-1773	5.8	24
98	Synthesis of 6-aminophenanthridines via palladium-catalyzed insertion of isocyanides into N-sulfonyl-2-aminobiaryls. <i>RSC Advances</i> , <b>2014</b> , 4, 17222-17225	3.7	24
97	Direct access to bis-S-heterocycles via copper-catalyzed three component tandem cyclization using S as a sulfur source. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 3424-3432	3.9	23
96	An efficient synthesis of 2,5-diimino-furans via Pd-catalyzed cyclization of bromoacrylamides and isocyanides. <i>Chemical Communications</i> , <b>2014</b> , 50, 2037-9	5.8	23
95	Palladium-catalyzed regioselective C-H alkynylation of indoles with haloalkynes: access to functionalized 7-alkynylindoles. <i>Chemical Communications</i> , <b>2019</b> , 55, 13769-13772	5.8	23
94	A regio- and diastereoselective palladium-catalyzed cyclopropanation of norbornene derivatives with molecular oxygen as the sole oxidant. <i>Chemical Communications</i> , <b>2012</b> , 48, 10340-2	5.8	22
93	Carbonyl Ylides Derived from Palladium Carbenes: The Impressive Fluorine Effect. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 3154-3159	5.6	21
92	Facile synthesis of cyanofurans via Michael-addition/cyclization of ene-yne-ketones with trimethylsilyl cyanide. <i>Chemical Communications</i> , <b>2017</b> , 53, 640-643	5.8	20
91	Palladium-Catalyzed Synthesis of 1H-Indenes and Phthalimides via Isocyanide Insertion. <i>Organic Letters</i> , <b>2017</b> , 19, 5818-5821	6.2	20
90	Palladium-catalyzed primary amine-directed regioselective mono- and di-alkynylation of biaryl-2-amines. <i>Chemical Communications</i> , <b>2018</b> , 54, 1746-1749	5.8	20

89	Assembly of Polysubstituted Maleimides via Palladium-Catalyzed Cyclization Reaction of Alkynes with Isocyanides. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 12451-12458	4.2	20
88	Oxypalladation Initiating the Oxidative Heck Reaction with Alkenyl Alcohols: Synthesis of Isocoumarin Alkanones. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 663-667	3.2	20
87	TBAI or KI-Promoted Oxidative Coupling of Enamines and N-Tosylhydrazine: An Unconventional Method toward 1,5- and 1,4,5-Substituted 1,2,3-Triazoles. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 3117-3123	5.6	20
86	Palladium-Catalyzed Cascade Cyclization/Alkynylation and Alkenylation of Alkynone O-Methyloximes with Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2707-2719	5.6	20
85	Palladium-Catalyzed Oxidative O-H/N-H Carbonylation of Hydrazides: Access to Substituted 1,3,4-Oxadiazole-2(3H)-ones. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 5713-8	4.2	19
84	Palladium-Catalyzed Regioselective Three-Component Cascade Bisthiolation of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 1138-1150	5.6	18
83	Intermolecular asymmetric carboesterification of alkenes by using chiral amine auxiliaries under O <sub>2</sub> : synthesis of enantioenriched $\beta$ -methylene-lactones through chloropalladation of alkynes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 6708-12	4.8	18
82	Recent advances in aminative difunctionalization of alkenes. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 3036-3054	3.9	18
81	Palladium-Catalyzed Regioselective Aerobic Allylic C-H Oxygenation: Direct Synthesis of $\beta$ -Unsaturated Aldehydes and Allylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 1600-1604	5.6	17
80	MnO <sub>2</sub> -Promoted Oxidative Radical Sulfonylation of Haloalkynes with Sulfonyl Hydrazides: C(sp)-S Bond Formation towards Alkynyl Sulfones. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 1875-1878	4.5	17
79	Palladium-Catalyzed Tandem Oxidative Arylation/Olefination of Aromatic Tethered Alkenes/Alkynes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 793-797	4.8	17
78	Recent Advances in Silver-Catalyzed Transformations of Electronically Unbiased Alkenes and Alkynes. <i>ChemCatChem</i> , <b>2020</b> , 12, 5034-5050	5.2	17
77	Carbonylation Access to Phthalimides Using Self-Sufficient Directing Group and Nucleophile. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 104-112	4.2	17
76	N-Heterocyclic carbene palladium-catalyzed cascade annulation/alkynylation of 2-alkynylanilines with terminal alkynes. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 7898-7908	3.9	16
75	Base-Mediated Three-Component Tandem Reactions for the Synthesis of Multisubstituted Pyrimidines. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 13609-13616	4.2	16
74	An Efficient Route to Polysubstituted Tetrahydronaphthols: Silver-Catalyzed [4+2] Cyclization of 2-Alkylbenzaldehydes and Alkenes. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 11019-11023	3.6	16
73	Controllable O-Nucleometalation Cyclization Strategy: Access to Divergent Ring-Functionalized Molecules. <i>Organic Letters</i> , <b>2016</b> , 18, 6232-6235	6.2	16
72	Cu-Catalyzed intermolecular [3 + 3] annulation involving oxidative activation of an unreactive C(sp <sup>3</sup> )-H bond: access to pyrimidine derivatives from amidines and ketones. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 1107-1111	5.2	15



71	Tandem cyclization of o-alkynylanilines with isocyanides triggered by intramolecular nucleopalladation: access to heterocyclic fused 2-aminoquinolines. <i>Chemical Communications</i> , <b>2018</b> , 54, 6855-6858	5.8	15
70	Haloalkyne Chemistry. <i>Springer Briefs in Molecular Science</i> , <b>2016</b> ,	0.6	15
69	Recent advancements in palladium-catalyzed reactions involving molecular oxygen. <i>Current Opinion in Green and Sustainable Chemistry</i> , <b>2017</b> , 7, 46-55	7.9	15
68	Direct bromocarboxylation of arynes using allyl bromides and carbon dioxide. <i>Chemical Communications</i> , <b>2019</b> , 55, 12304-12307	5.8	15
67	Palladium-catalyzed oxidative allylation of bis[(pinacolato)boryl]methane: synthesis of homoallylic boronic esters. <i>Chemical Communications</i> , <b>2017</b> , 54, 66-69	5.8	15
66	Assembly of 1-isoindole derivatives by selective carbon-nitrogen triple bond activation: access to aggregation-induced emission fluorophores for lipid droplet imaging. <i>Chemical Science</i> , <b>2019</b> , 10, 7076-7081	8.4	14
65	Switchable Reactivity between Vinyl Azides and Terminal Alkyne by Nano Copper Catalysis. <i>Organic Letters</i> , <b>2019</b> , 21, 2090-2094	6.2	14
64	Palladium-Catalyzed Highly Regioselective Hydrocarboxylation of Alkynes with Carbon Dioxide. <i>ACS Catalysis</i> , <b>2020</b> , 10, 7968-7978	13.1	14
63	Palladium/Copper Bimetallic System-Mediated Cross-Coupling of Alkynes and Alkenes: Two Strategies to Suppress $\beta$ H Elimination on Alkyl-Palladium Center. <i>Advanced Synthesis and Catalysis</i> , <b>2014</b> , 356, 1949-1954	5.6	14
62	Copper(II)-Mediated Homocoupling of Thioamides for the Synthesis of 1,2,4-Thiadiazoles. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 4239-4243	3.2	14
61	Palladium-Catalyzed Aerobic Oxygenation of Allylarenes. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 10912-10919	10.9	14
60	A palladium-catalyzed oxidative aminocarbonylation reaction of alkynone O-methyloximes with amines and CO in PEG-400. <i>Green Chemistry</i> , <b>2020</b> , 22, 465-470	10	14
59	Two C-O Bond Formations on a Carbenic Carbon: Palladium-Catalyzed Coupling of N-Tosylhydrazones and Benzo-1,2-quinones To Construct Benzodioxoles. <i>Organic Letters</i> , <b>2018</b> , 20, 3166-3169	6.2	14
58	Palladium-catalyzed C $\beta$ bond activation and functionalization of 3-sulfenylindoles and related electron-rich heteroarenes. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 1590-1594	5.2	13
57	Nucleo-Palladation-Triggering Alkene Functionalization: A Route to $\beta$ Lactones. <i>Organic Letters</i> , <b>2017</b> , 19, 5756-5759	6.2	13
56	Palladium-catalyzed regioselective C $\beta$ alkynylation of indoles with bromoalkynes in water. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 2200-2204	5.2	13
55	Palladium-catalyzed bond reorganization of 1,3-diynes: an entry to diverse functionalized 1,5-dien-3-yne. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 4580-6	4.2	13
54	Recent advances in the synthesis of bridgehead (or ring-junction) nitrogen heterocycles via transition metal-catalyzed C $\beta$ bond activation and functionalization. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 3067-3099	5.2	13

53	Palladium-catalyzed ionic liquid-accelerated oxidative annulation of acetylenic oximes with unactivated long-chain enols. <i>Green Chemistry</i> , <b>2020</b> , 22, 5584-5588	10	13
52	Synthesis of 3-azabicyclo[3.1.0]hexane derivatives via palladium-catalyzed cyclopropanation of maleimides with N-tosylhydrazones: practical and facile access to CP-866,087. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 1228-1235	3.9	12
51	Palladium-Catalyzed Cascade Annulation To Construct Functionalized $\beta$ -and $\gamma$ -Lactones in Ionic Liquids. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 7347-7350	3.6	12
50	DDQ-mediated regioselective C $\beta$ bond formation: efficient access to allylic sulfides. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 3158-3162	5.2	12
49	Synthesis of 1,4-enyne-3-ones via palladium-catalyzed sequential decarboxylation and carbonylation of allyl alkynoates. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 1363-1366	5.2	11
48	Synthesis of Isoxazole Carbonyl Derivatives and their Analogues via Palladium-Catalyzed Sequential C(sp <sup>2</sup> )/C(sp <sup>2</sup> )/C(sp <sup>3</sup> ) Bond Formations. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 3813-3823	5.6	11
47	Assembly of Functionalized 4-Alkynylisoxazoles by Palladium-Catalyzed Three-Component Cascade Cyclization/Alkynylation. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 2309-2315	4.5	11
46	Palladium-catalyzed regioselective cascade reaction of carbon dioxide, amines and allenes for the synthesis of functionalized carbamates. <i>Science China Chemistry</i> , <b>2020</b> , 63, 331-335	7.9	11
45	Copper-Catalyzed Aerobic Oxidative [3+2] Annulation for the Synthesis of 5-Amino/Imino-Substituted 1,2,4-Thiadiazoles through C-N/N-S Bond Formation. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 9334-9343	4.2	11
44	Palladium-catalyzed oxidative amination of homoallylic alcohols: sequentially installing carbonyl and amino groups along an alkyl chain. <i>Chemical Communications</i> , <b>2017</b> , 53, 10422-10425	5.8	11
43	Access to 2-Aroylthienothiazoles via C-H/N-O Bond Functionalization of Oximes. <i>Organic Letters</i> , <b>2019</b> , 21, 9976-9980	6.2	11
42	Palladium-Catalyzed Cyclization of N-Acyl- o-alkynylanilines with Isocyanides Involving a 1,3-Acyl Migration: Rapid Access to Functionalized 2-Aminoquinolines. <i>Organic Letters</i> , <b>2018</b> , 20, 7245-7248	6.2	11
41	C=C-N bond formation via palladium-catalyzed carbene insertion into N=C-N bonds: inhibiting the general 1,2-migration process of ylide intermediates. <i>Chemical Communications</i> , <b>2017</b> , 53, 2697-2700	5.8	10
40	Palladium-Catalyzed Cascade Annulation/Allylation of Alkynyl Oxime Ethers with Allyl Halides: Rapid Access to Fully Substituted Isoxazoles. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 11958-11970	4.2	10
39	Access to Amidines and Arylbenzimidazoles: Zinc-Promoted Rearrangement of Oxime Acetates. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2020-2031	5.6	10
38	Transition-Metal-Free [3+2] Cycloaddition of Dehydroaminophosphonates and N-Tosylhydrazones: Access to Aminocyclopropanephosphonates with Adjacent Quaternary-Tetrasubstituted Carbon Centers. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 12746-12756	4.2	10
37	Copper-Catalyzed Aerobic Oxidative Transformation of Ketone-Derived N-Tosyl Hydrazones: An Entry to Alkynes. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 14713-14717	3.6	10
36	Restriction of Conformation Transformation in Excited State: An Aggregation-Induced Emission Building Block Based on Stable Exocyclic C=N Group. <i>IScience</i> , <b>2020</b> , 23, 101587	6.1	10

35	Palladium-catalyzed three-component cascade arylthiolation with aryldiazonium salts as S-arylation sources. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 4071-4078	3.9	9
34	Palladium-Catalyzed Sequential C(sp <sup>2</sup> )-H Alkynylation/Annulation of 2-Phenylphenols with Haloalkynes Using Phenolic Hydroxyl as the Traceless Directing Group. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2297-2302	5.6	9
33	Copper-Catalyzed Benzylic C-H Functionalization, Oxidation and Cyclization of Methylarenes: Direct Access to 2-Arylbenzothiazoles. <i>Chinese Journal of Chemistry</i> , <b>2019</b> , 37, 1158-1166	4.9	9
32	Efficient assembly of ynones via palladium-catalyzed sequential carbonylation/alkynylation. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 7383-7392	3.9	9
31	Pd-Catalyzed Three-Component Reaction of Anilines, Ethyl Vinyl Ether, and Nitro-Paraffin: Assembly of $\beta$ -Nitroamines. <i>Organic Letters</i> , <b>2018</b> , 20, 550-553	6.2	8
30	Direct Assembly of Polysubstituted Propiolamidinates via Palladium-Catalyzed Multicomponent Reaction of Isocyanides. <i>Organic Letters</i> , <b>2019</b> , 21, 8439-8443	6.2	8
29	Hydroxyl Group-Assisted Palladium-Catalyzed Lactonization of Homoallylic Alcohols. <i>ChemCatChem</i> , <b>2014</b> , 6, 561-566	5.2	8
28	Palladium-Catalyzed Cross-Coupling of Alkynyl Carboxylic Acids with Isocyanides: Solvent-Controlled Selective Synthesis of 5-Iminofuranones and 5-Iminopyrrolones. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 3509-3514	5.6	8
27	Synthesis of Isoquinoline Derivatives via Palladium-Catalyzed C-H/C-N Bond Activation of N-Acyl Hydrazones with $\beta$ -Substituted Vinyl Azides. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 1362-1369	5.6	8
26	Access to Cycloalkeno-fused Pyridines via Pd-Catalyzed C(sp)-H Activation and Cyclization of $\alpha$ -Acetyl Hydrazones of Acylcycloalkenes with Vinyl Azides. <i>Organic Letters</i> , <b>2020</b> , 22, 7786-7790	6.2	8
25	Bpin-Mediated Palladium-Catalyzed Diacetoxylation of Aryl Alkenes with O <sub>2</sub> as Oxygen Source and Sole Oxidant. <i>Organic Letters</i> , <b>2018</b> , 20, 5090-5093	6.2	7
24	Palladium-Catalyzed Three-Component Coupling Reaction of Allyl Carboxylates, Norbornenes and Diboronates Involving Sequential Olefins Insertion and Borylation Reaction. <i>Chinese Journal of Chemistry</i> , <b>2019</b> , 37, 140-147	4.9	7
23	Facile Synthesis of $\beta$ -Conjugated Quinazoline-Substituted Ethenes from 2-Ethynylanilines and Benzonitriles under Transition-Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 10453-10464	4.2	6
22	Synthesis of 2-isoxazolyl-2,3-dihydrobenzofurans palladium-catalyzed cascade cyclization of alkenyl ethers. <i>Chemical Communications</i> , <b>2021</b> , 57, 4799-4802	5.8	6
21	Access to $\beta$ -Amino Acid Esters through Palladium-Catalyzed Oxidative Amination of Vinyl Ethers with Hydrogen Peroxide as the Oxidant and Oxygen Source. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 16142-16146	3.6	5
20	Access to Polysubstituted (Furyl)methylthioethers via a Base-Promoted S-H Insertion Reaction of Conjugated Enynones. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 14529-14539	4.2	5
19	Palladium-Catalyzed Intermolecular Oxidative Cyclization of Allyltosylamides with AcOH: Assembly of 3-Pyrrolin-2-ones. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 8191-8198	4.2	5
18	Palladium-Catalyzed Nitrile-Assisted C(sp)-Cl Bond Formation for Synthesis of Dichlorides. <i>Organic Letters</i> , <b>2019</b> , 21, 8308-8311	6.2	4

17	Palladium-Catalyzed Regio- and Stereoselective Sulfonylation of Aryl Propiolates with Sulfonyl Hydrazides: Access to (E)-Aryl Sulfonyl Acrylates. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 4575-4580	5.6	4
16	Palladium-catalyzed cascade carboesterification of norbornene with alkynes. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 8495-8504	3.9	4
15	Conversion of Triple Bonds into Single Bonds in a Domino Carbopalladation with Norbornene. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 2991-2995	4.5	3
14	Transition-metal-free N-difluoromethylation of hydrazones with TMSCF <sub>2</sub> Br as the difluoromethylation reagent. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 2462-2466	5.2	3
13	Selective Synthesis of Non-Aromatic Five-Membered Sulfur Heterocycles from Alkynes by using a Proton Acid/N-Chlorophthalimide System. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 1313-1322	16.4	3
12	Palladium-catalyzed aerobic oxyarylation of alkynone -methyloximes with arylhydrazines and elemental sulfur. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 3396-3403	3.9	3
11	Recent Advances for Hydration Reaction of Nitriles in Different Catalytic Systems. <i>Chinese Journal of Organic Chemistry</i> , <b>2021</b> , 41, 969	3	3
10	Recent advances in NHC-Palladium catalysis for alkyne chemistry: versatile synthesis and applications. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 3502-3524	5.2	3
9	Recent Advances in Chemical Modifications of Nitriles. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 6658-6669	3.2	3
8	Palladium-Catalyzed Sequential Cyclization/Functionalization of Oxime Ethers with Unactivated Vinyl Ethers for Tunable Assembly of Structurally Diverse Isoxazoles. <i>Chinese Journal of Chemistry</i> ,	4.9	2
7	Green Oxidative Synthesis of Ethers, Esters, and Organic Halides <b>2019</b> , 79-121		1
6	NHC-Palladium-catalyzed ionic liquids-accelerated regioselective oxyarylation of alkynes with diaryl ethers. <i>Green Chemistry</i> ,	10	0
5	One-Pot Palladium-Catalyzed Carbonylative Sonogashira Coupling using Carbon Dioxide as Carbonyl Source. <i>ChemCatChem</i> , <b>2021</b> , 13, 2843-2851	5.2	0
4	Pd-Catalyzed Sequential Formation of C-C Bonds: A New Strategy for the Synthesis of $\alpha,\beta$ -Unsaturated Carbonyl Compounds from Sulfoxonium Ylides and 1-Iodo-2-((2-methylallyl)oxy)benzene Compounds. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 11545-11556	4.2	0
3	Recent Advances in Transformations Involving Electron-Rich Alkenes: Functionalization, Cyclization, and Cross-Metathesis Reactions. <i>Advanced Synthesis and Catalysis</i> ,	5.6	0
2	Innentitelbild: Copper-Catalyzed Coupling of Oxime Acetates with Sodium Sulfinates: An Efficient Synthesis of Sulfone Derivatives (Angew. Chem. 16/2014). <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4090-4090	3.6	
1	C-H Amination enabled [2+1+1+1] Annulation Reaction in Water: Access to Benzoxazoles. <i>European Journal of Organic Chemistry</i> ,	3.2	