

Xiao-feng Wu

List of Publications by Year in descending order

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19,416
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663
times ranked

9076
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition-Metal-Catalyzed Carbonylative Multifunctionalization of Alkynes. <i>Journal of Organic Chemistry</i> , 2023, 88, 4975-4994.	3.2	14
2	TFBen (Benzene-1,3,5-triyl triformate): A Powerful and Versatile CO Surrogate. <i>Chemical Record</i> , 2022, 22, .	5.8	19
3	Electrochemical oxidative cyclization of <i>N</i> -allylcarboxamides: efficient synthesis of halogenated oxazolines. <i>New Journal of Chemistry</i> , 2022, 46, 663-667.	2.8	10
4	Transition-metal-catalyzed carbonylative cross-coupling with alkyl carbon nucleophiles. <i>Chem Catalysis</i> , 2022, 2, 477-498.	6.1	10
5	Manganese(III)-Promoted Double Carbonylation of Anilines Toward β -Ketoamides Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 487-492.	4.3	6
6	Palladium-catalyzed enantioselective carbonylation reactions. <i>Science China Chemistry</i> , 2022, 65, 441-461.	8.2	48
7	Copper-Catalyzed Decarbonylative Cyclization of Isatins and Trifluoroacetimidohydrazides for the Synthesis of 2-(5-Trifluoromethyl-1,2,4-triazol-3-yl)anilines. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1044-1049.	4.3	15
8	Palladium-catalyzed cascade Heck-type thiocarbonylation for the synthesis of functionalized thioesters. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1417-1421.	4.5	13
9	Ruthenium pincer complex-catalyzed heterocycle compatible alkoxycarbonylation of alkyl iodides: substrate keeps the catalyst active. <i>Chemical Science</i> , 2022, 13, 2481-2486.	7.4	8
10	Additive-Controlled Divergent Synthesis of Indole and 4H-Benzo[d][1,3]oxazine Derivatives: Palladium-Catalyzed Carbonylative Cyclization of 2-Alkynylanilines and Benzyl Chlorides. <i>Journal of Organic Chemistry</i> , 2022, .	3.2	3
11	Controllable access to trifluoromethyl-containing indoles and indolines: palladium-catalyzed regioselective functionalization of unactivated alkenes with trifluoroacetimidoyl chlorides. <i>Chemical Science</i> , 2022, 13, 3526-3532.	7.4	17
12	Palladium-catalyzed cascade Heck-type cyclization and reductive aminocarbonylation for the synthesis of functionalized amides. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2605-2608.	2.8	7
13	Palladium-catalyzed reductive desulfonative aminocarbonylation of benzylsulfonyl chlorides with nitroarenes towards arylacetamides. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2079-2083.	4.5	9
14	Catalyst-controlled selective borocarbonylation of benzylidenecyclopropanes: regiodivergent synthesis of β -vinylboryl ketones and β -cyclopropylboryl ketones. <i>Chemical Science</i> , 2022, 13, 4321-4326.	7.4	15
15	Nickel-catalyzed carbonylative domino cyclization of arylboronic acid pinacol esters with 2-alkynyl nitroarenes toward <i>N</i> -aryl indoles. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2685-2689.	4.5	12
16	Copper-Catalyzed Substrate-Controlled Carbonylative Synthesis of β -Keto Amides and Amides from Alkyl Halides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	27
17	Palladium-Catalyzed Carbonylation of Disulfides and Ethylene: Synthesis of β -Thiopropionate Thioesters. <i>Organic Letters</i> , 2022, 24, 1848-1852.	4.6	15
18	Copper-Catalyzed Substrate-Controlled Carbonylative Synthesis of β -Keto Amides and Amides from Alkyl Halides. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6

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19	Copper-catalyzed carbonylative catenation of olefins: Direct synthesis of β -boryl esters. <i>CheM</i> , 2022, 8, 1982-1992.	11.7	18
20	Palladium-Catalyzed Reductive Aminocarbonylation of <i>o</i> -Iodophenol-Derived Allyl Ethers with <i>o</i> -Nitrobenzaldehydes to 3-Alkenylquinolin-2(1 <i>H</i>)-ones. <i>Organic Letters</i> , 2022, 24, 2248-2252.	4.6	4
21	Cobalt-Catalyzed Direct Aminocarbonylation of Ethers: Efficient Access to α -Amide Substituted Ether Derivatives. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	11
22	Supported palladium-catalyzed carbonylative cyclization of 2-bromonitrobenzenes and alkynes to access quinolin-4(1 <i>H</i>)-ones. <i>Journal of Catalysis</i> , 2022, 408, 81-87.	6.2	11
23	Cobalt-Catalyzed Direct Aminocarbonylation of Ethers: Efficient Access to α -Amide Substituted Ether Derivatives. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
24	Cobalt-catalyzed carbonylative cyclization of <i>N</i> -(2-Vinylphenyl)nicotinamides to access (NH)-quinolin-2(1 <i>H</i>)-ones. <i>Molecular Catalysis</i> , 2022, 524, 112267.	2.0	3
25	Palladium-Catalyzed Direct Dicarboxylation of Amines with Ethylene to Imides. <i>Organic Letters</i> , 2022, 24, 451-456.	4.6	10
26	Palladium-catalyzed aminocarbonylative cyclization of benzyl chlorides with 2-nitroaryl alkynes to construct indole derivatives. <i>Molecular Catalysis</i> , 2022, 524, 112302.	2.0	2
27	Cobalt-Catalyzed Four-Component Carbonylation of Methylarenes with Ethylene and Alcohols. <i>Journal of Organic Chemistry</i> , 2022, 87, 6371-6377.	3.2	9
28	Copper-catalyzed hydroaminocarbonylation of benzylidenecyclopropanes: synthesis of β,β -unsaturated amides. <i>Chemical Communications</i> , 2022, 58, 6534-6537.	4.1	10
29	Cobalt-catalyzed C-H annulation of <i>N</i> -aroylpicolinamides with alkynes for (NH)-isoquinolones synthesis. <i>Molecular Catalysis</i> , 2022, 524, 112303.	2.0	2
30	Palladium-catalyzed norbornene-mediated dehydrogenative annulation of 3-iodochromones with trifluoroacetimidoyl chlorides for the construction of trifluoromethyl-substituted chromeno[2,3- <i>c</i>]quinolin-12-ones. <i>Molecular Catalysis</i> , 2022, 524, 112320.	2.0	3
31	Metal-free Synthesis of 5-Trifluoromethyl-1,2,4-triazoles via elemental sulfur promoted oxidative cyclization of trifluoroacetimidohydrazides with benzylic and aliphatic amines. <i>Molecular Catalysis</i> , 2022, 524, 112336.	2.0	2
32	Nickel-Catalyzed Carbonylative Synthesis of β,β -Unsaturated Thioesters from Vinyl Triflates and Arylsulfonyl Chlorides. <i>Organic Letters</i> , 2022, 24, 4009-4013.	4.6	12
33	Visible-light-induced defluorinative carbonylative coupling of alkyl iodides with α -trifluoromethyl substituted styrenes. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5264-5269.	2.8	2
34	Metal-free synthesis of 3-trifluoromethyl-1,2,4-triazoles via oxidative cyclization of trifluoroacetimidohydrazides with <i>N,N</i> -dimethylformamide as carbon synthons. <i>Green Synthesis and Catalysis</i> , 2022, 3, 385-388.	6.8	5
35	Palladium-Catalyzed Desulfonative Carbonylation of Thiosulfonates: Elimination of SO_2 and Insertion of CO. <i>Organic Letters</i> , 2022, 24, 4820-4824.	4.6	7
36	Palladium-Catalyzed Denitrogenative Carbonylation of Benzotriazoles with $\text{Cr}(\text{CO})_6$ as the Carbonyl Source. <i>Organometallics</i> , 2022, 41, 1731-1737.	2.3	8

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37	Palladium-catalyzed four-component difluoroalkylative carbonylation of aryl olefins and ethylene. <i>Journal of Catalysis</i> , 2022, 413, 163-167.	6.2	13
38	Palladium-Catalyzed Regio- and Stereoselective Hydroaminocarbonylation of Unsymmetrical Internal Alkynes toward $\hat{1},\hat{2}$ -Unsaturated Amides. <i>Organic Letters</i> , 2022, 24, 4464-4469.	4.6	9
39	Visible light-induced perfluoroalkylative carbonylation of unactivated alkenes. <i>Journal of Catalysis</i> , 2022, 413, 214-220.	6.2	14
40	Nickel-catalyzed carbonylative synthesis of dihydrobenzofurans. <i>Catalysis Communications</i> , 2021, 148, 106170.	3.3	13
41	Ligand-Controlled Copper-Catalyzed Regiodivergent Carbonylative Synthesis of $\hat{1}$ -Amino Ketones and $\hat{1}$ -Boryl Amides from Imines and Alkyl Iodides. <i>Angewandte Chemie</i> , 2021, 133, 705-710.	2.0	4
42	Radical Carbonylation under Low $\langle \text{CO} \rangle$ Pressure: Synthesis of Esters from Activated Alkylamines at Transition $\langle \text{Metal} \rangle$ -Free Conditions. <i>Chinese Journal of Chemistry</i> , 2021, 39, 927-932.	4.9	14
43	Rhodium-catalyzed borylative carbon monoxide reduction to gem-diborylmethane. <i>Catalysis Communications</i> , 2021, 149, 106205.	3.3	2
44	Pincer Ligand Enhanced Rhodium-Catalyzed Carbonylation of Formaldehyde: Direct Ethylene Glycol Production. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 245-250.	2.7	4
45	Cobalt-Catalyzed Direct $\text{C}=\text{H}$ Carbonylative Synthesis of Free ($\langle \text{NH} \rangle$)-Indolo[1,2- $\langle \text{a} \rangle$]quinoxalin-6($\langle \text{5} \rangle$ H)-ones. <i>Organic Letters</i> , 2021, 23, 178-182.	4.6	42
46	Palladium-catalyzed directing group assisted and regioselectivity reversed cyclocarbonylation of arylallenes with 2-iodoanilines. <i>Organic Chemistry Frontiers</i> , 2021, 8, 792-798.	4.5	6
47	Copper-catalyzed enantioselective carbonylation toward $\hat{1}$ -chiral secondary amides. <i>Chemical Science</i> , 2021, 12, 12676-12681.	7.4	23
48	Deaminative carbonylative thioesterification of activated alkylamines with thiophenols under transition-metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2021, 8, 670-675.	4.5	3
49	Rhodium-catalyzed carbonylative coupling of alkyl halides with thiols: a radical process faster than easier nucleophilic substitution. <i>Chemical Communications</i> , 2021, 57, 1466-1469.	4.1	12
50	Palladium-catalyzed carbonylative cyclization of 2-alkynylanilines and aryl iodides to access N-acyl indoles. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1926-1929.	4.5	11
51	A novel construction of acetamides from rhodium-catalyzed aminocarbonylation of DMC with nitro compounds. <i>Chemical Communications</i> , 2021, 57, 1955-1958.	4.1	11
52	Pd/Cu-Catalyzed amide-enabled selectivity-reversed borocarbonylation of unactivated alkenes. <i>Chemical Science</i> , 2021, 12, 10341-10346.	7.4	15
53	The cascade coupling/iodoaminocyclization reaction of trifluoroacetimidoyl chlorides and allyl amines: metal-free access to 2-trifluoromethyl-imidazolines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6115-6119.	2.8	10
54	Palladium-catalyzed carbonylative cyclization of benzyl chlorides with anthranils for the synthesis of 3-arylquinolin-2($\langle \text{1} \rangle$ H)-ones. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3584-3588.	2.8	10

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55	Copper-catalyzed borofunctionalization of styrenes with B ₂ pin ₂ and CO. <i>Chemical Science</i> , 2021, 12, 13777-13781.	7.4	13
56	Palladium-catalyzed carbonylation of iminoquinones and aryl iodides to access aryl <i>p</i> -amino benzoates. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8246-8249.	2.8	1
57	Palladium-catalyzed carbonylative synthesis of aryl esters from <i>p</i> -benzoquinones and aryl triflates. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7353-7356.	2.8	4
58	Palladium-catalyzed Carbonylative Synthesis of 1,5-Dihydro-2-pyrrol-2-ones from Propargyl Amines and Benzyl Chlorides. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1878-1881.	4.3	9
59	Silver-Mediated [3 + 2] Cycloaddition of Azomethine Ylides with Trifluoroacetimidoyl Chlorides for the Synthesis of 5-(Trifluoromethyl)imidazoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 4361-4370.	3.2	21
60	Palladium-Catalyzed Thiocarbonylation of Alkenes toward Linear Thioesters. <i>ACS Catalysis</i> , 2021, 11, 3614-3619.	11.2	32
61	Palladium-catalyzed Thiocarbonylation of Benzyl Chlorides with Sulfonyl Chlorides for the Synthesis of Arylacetyl Thioesters. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2541-2545.	4.3	15
62	Pd/Cu-catalyzed Defluorinative Carbonylative Coupling of Aryl Iodides and gem-Difluoroalkenes: Efficient Synthesis of α -Fluoroaldehydes. <i>Angewandte Chemie</i> , 2021, 133, 8900-8904.	2.0	4
63	Pd/Cu-catalyzed Defluorinative Carbonylative Coupling of Aryl Iodides and gem-Difluoroalkenes: Efficient Synthesis of α -Fluoroaldehydes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8818-8822.	13.8	42
64	Synthesis of 3- <i>H</i> -1,2,4-Triazol-3-ones via NiCl ₂ -Promoted Cascade Annulation of Hydrazonoyl Chlorides and Sodium Cyanate. <i>Organic Letters</i> , 2021, 23, 2359-2363.	4.6	20
65	Visible-Light-Induced Palladium-catalyzed Dehydrogenative Carbonylation of Amines to Oxalamides. <i>Chemistry - A European Journal</i> , 2021, 27, 5642-5647.	3.3	13
66	Copper-catalyzed Borylative Methylation of Alkyl Iodides with CO as the C1 Source: Advantaged by Faster Reaction of CuH over CuBpin. <i>Angewandte Chemie</i> , 2021, 133, 11836-11840.	2.0	2
67	Copper-catalyzed Borylative Methylation of Alkyl Iodides with CO as the C1 Source: Advantaged by Faster Reaction of CuH over CuBpin. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11730-11734.	13.8	17
68	Copper-Catalyzed Carbonylative Synthesis of β -Boryl Amides via Boroamidation of Alkenes. <i>CCS Chemistry</i> , 2021, 3, 2643-2654.	7.8	24
69	Synthesis of 5-Trifluoromethyl-1,2,4-Triazoles via Metal-Free Annulation of Trifluoroacetimidohydrazides and Methyl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3060-3069.	4.3	17
70	The first bismuth self-mediated oxidative carbonylative coupling reaction via BiIII/BiV redox intermediates. <i>Journal of Catalysis</i> , 2021, 397, 201-204.	6.2	9
71	Palladium-catalyzed carbonylative synthesis of quinazolines: Silane act as better nucleophile than amidine. <i>Molecular Catalysis</i> , 2021, 509, 111627.	2.0	2
72	Ligand-Controlled Regiodivergent Thiocarbonylation of Alkynes toward Linear and Branched α,β -Unsaturated Thioesters. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17178-17184.	13.8	29

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73	Supported Palladium-Catalyzed Carbonylative Synthesis of Diaryl Ketones from Aryl Bromides and Arylboronic Acids. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2027-2030.	3.3	11
74	Ligand-Controlled Regiodivergent Thiocarbonylation of Alkynes toward Linear and Branched β,γ -Unsaturated Thioesters. <i>Angewandte Chemie</i> , 2021, 133, 17315-17321.	2.0	4
75	Heterogeneous Carbonylative Sonogashira Reaction Based on Pd/C ₃ N ₄ Catalyst by Using Formic Acid as the CO Source. <i>ChemistrySelect</i> , 2021, 6, 7037-7039.	1.5	7
76	Sulfonylation of Bismuth Reagents with Sulfinates or SO ₂ through Bi ^{III} /Bi ^V Intermediates. <i>Organometallics</i> , 2021, 40, 2400-2404.	2.3	8
77	Evaluation of combination protocols of the chemotherapeutic agent FX-9 with azacitidine, dichloroacetic acid, doxorubicin or carboplatin on prostate carcinoma cell lines. <i>PLoS ONE</i> , 2021, 16, e0256468.	2.5	0
78	C-F bond activation under transition-metal-free conditions. <i>Science China Chemistry</i> , 2021, 64, 1630-1659.	8.2	85
79	Efficient synthesis of 2-trifluoromethyl-benzimidazoles via cascade annulation of trifluoroacetimidoyl chlorides and amines based on a heterogeneous copper doped g-C ₃ N ₄ catalyst. <i>Molecular Catalysis</i> , 2021, 513, 111767.	2.0	3
80	Cu/Pd-catalyzed borocarbonylative trifunctionalization of alkynes and allenes: synthesis of β -geminal-diboryl ketones. <i>Science China Chemistry</i> , 2021, 64, 2142-2153.	8.2	19
81	Nickel-Catalyzed One-Pot Carbonylative Synthesis of 2-Mono- and 2,3-Disubstituted Thiochromenones from 2-Bromobenzenesulfonyl Chlorides and Alkynes. <i>Organic Letters</i> , 2021, 23, 6589-6593.	4.6	19
82	Palladium-catalyzed carbonylative synthesis of 3-arylquinolin-2(1H)-ones from benzyl chlorides and o-nitrobenzaldehydes. <i>Molecular Catalysis</i> , 2021, 514, 111842.	2.0	5
83	Elemental Sulfur and Dimethyl Sulfoxide-Promoted Oxidative Cyclization of Trifluoroacetimidohydrazides with Methylhetarenes for the Synthesis of 3- β -trifluoromethyl-1,2,4-triazoles. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3443.	4.9	14
84	Synthesis of Aryl Methyl Sulfides from Arylsulfonyl Chlorides with Dimethyl Carbonate as the Solvent and C1 Source. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5219-5221.	2.4	5
85	Palladium-Catalyzed Perfluoroalkylative Carbonylation of Unactivated Alkenes: Access to β -Perfluoroalkyl Esters. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24292-24298.	13.8	39
86	Palladium-Catalyzed Reductive Aminocarbonylation of Benzylammonium Triflates with <i>o</i> -Nitrobenzaldehydes for the Synthesis of 3-Arylquinolin-2(1 <i>H</i>)-ones. <i>Journal of Organic Chemistry</i> , 2021, 86, 13824-13832.	3.2	14
87	Pd-Catalyzed Carbonylative Synthesis of 4 <i>H</i> - <i>Benzo</i> [<i>d</i>][1,3]Oxazin-4-Ones Using Benzene-1,3,5-Triyl Triformate as the CO Source. <i>Chemistry - A European Journal</i> , 2021, 27, 16219-16224.	3.3	3
88	In situ grown palladium nanoparticles on polyester fabric as easy-separable and recyclable catalyst for Suzuki-Miyaura reaction. <i>Catalysis Communications</i> , 2021, 157, 106328.	3.3	9
89	Synthesis of 5-trifluoromethyl-1,2,3-triazoles <i>via</i> base-mediated cascade annulation of diazo compounds with trifluoroacetimidoyl chlorides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3440-3445.	4.5	24
90	Palladium-Catalyzed Carbonylative Synthesis of 2-(Trifluoromethyl)quinazolin-4(3 <i>H</i>)-ones from Trifluoroacetimidoyl Chlorides and Nitro Compounds. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1417-1426.	4.3	22

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91	Copper-mediated [3 + 2] cycloaddition of trifluoroacetimidoyl chlorides and N-isocyanoinminotriphenylphosphorane for the synthesis of 3-trifluoromethyl-1,2,4-triazoles. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5040-5044.	4.5	20
92	Palladium-Catalyzed Cascade Carbonylative Synthesis of 1,2,4-Triazol-3-ones from Hydrazonoyl Chlorides and NaN ₃ . <i>Organic Letters</i> , 2021, 23, 974-978.	4.6	30
93	Cobalt-catalyzed carbonylative cycloaddition of substituted diynes to access complexed polycyclic compounds. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4188-4191.	4.5	2
94	Palladium-catalyzed 1,2-amino carbonylation of 1,3-dienes with (N-SO ₂ Py)-2-iodoanilines: 2,3-dihydroquinolin-4(1H)-ones synthesis. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2429-2433.	4.5	6
95	Metal-free oxidative cyclization of trifluoroacetimidohydrazides with methylhetarenes: a facile access to 3-hetaryl-5-trifluoromethyl-1,2,4-triazoles. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4490-4495.	4.5	20
96	Ligand-Controlled Copper-Catalyzed Regiodivergent Carbonylative Synthesis of β -Amino Ketones and β -Oryl Amides from Imines and Alkyl Iodides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 695-700.	13.8	32
97	Nickel-catalyzed cascade carbonylative synthesis of N-benzoyl indoles from 2-nitroalkynes and aryl iodides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6541-6545.	4.5	17
98	Palladium-Catalyzed Carbonylative Four-Component Synthesis of β -Perfluoroalkyl Amides. <i>Chemistry - A European Journal</i> , 2021, 27, 17682-17687.	3.3	16
99	Copper-Catalyzed 1,2-Trifluoromethylation Carbonylation of Unactivated Alkenes: Efficient Access to β -Trifluoromethylated Aliphatic Carboxylic Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25787-25792.	13.8	34
100	Oxidative Cyclization of Trifluoroacetimidohydrazides with D-Glucose for the Metal-Free Synthesis of 3-Trifluoromethyl-1,2,4-Triazoles. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4982.	4.3	11
101	Copper-Catalyzed 1,2-Trifluoromethylation Carbonylation of Unactivated Alkenes: Efficient Access to β -Trifluoromethylated Aliphatic Carboxylic Acid Derivatives. <i>Angewandte Chemie</i> , 2021, 133, 25991-25996.	2.0	10
102	Copper-Catalyzed Alkoxy carbonylation of Alkyl Iodides for the Synthesis of Aliphatic Esters: Hydrogen Makes the Difference. <i>Organic Letters</i> , 2021, 23, 8062-8066.	4.6	9
103	Cobalt-catalyzed regioselective cycloaddition of unsymmetric diynes and nitriles to form substituted pyridines. <i>Molecular Catalysis</i> , 2021, 516, 111956.	2.0	1
104	Palladium-catalyzed carbonylation of propargyl diols with primary amines for the synthesis of functionalized acids. <i>Journal of Organometallic Chemistry</i> , 2021, 956, 122115.	1.8	1
105	Manganese(III)-promoted thiocarbonylation of alkylborates with disulfides: synthesis of aliphatic thioesters. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9654-9658.	2.8	4
106	Copper-catalyzed hydroformylation and hydroxymethylation of styrenes. <i>Chemical Science</i> , 2021, 12, 14937-14943.	7.4	16
107	Practical Synthesis of Halogenated N-Heterocycles via Electrochemical Anodic Oxidation of Unactivated Alkenes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5831-5834.	2.4	11
108	Cobalt-catalyzed regiodivergent synthesis of 5- and 6-substituted 1,3-dihydroisobenzofurans via cycloaddition of diynes and alkynes. <i>Molecular Catalysis</i> , 2021, 516, 111989.	2.0	0

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109	Palladium-Catalyzed Carbonylative Synthesis of α,β -Unsaturated β -Hydroxy- γ -Lactams from Propargyl Amines and Acid Chlorides. <i>ChemistrySelect</i> , 2021, 6, 12220-12223.	1.5	2
110	Nickel-catalyzed reductive aminocarbonylation of vinyl triflates with nitro compounds for the synthesis of α,β -unsaturated amides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6974-6978.	4.5	22
111	Palladium-catalyzed methylation of terminal alkynes. <i>Catalysis Communications</i> , 2020, 133, 105835.	3.3	4
112	Palladium-Catalyzed Synthesis of 1,2-Diketones from Aryl Halides and Organoaluminum Reagents Using <i>tert</i> -Butyl Isocyanide as the CO Source. <i>Organic Letters</i> , 2020, 22, 636-641.	4.6	20
113	Direct C-H Bond Borylation of (Hetero)Arenes: Evolution from Noble Metal to Metal Free. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1770-1774.	13.8	61
114	Benzene-1,3,5-triyl Triformate (TFBen)-Promoted Palladium-Catalyzed Carbonylative Synthesis of 2-Oxo-2,5-dihydropyrroles from Propargyl Amines. <i>Organic Letters</i> , 2020, 22, 194-198.	4.6	47
115	The Exploration of Aryltrimethylgermane as Potent Synthetic Origins and Their Preparation. <i>IScience</i> , 2020, 23, 100771.	4.1	7
116	Carbonylative Acetylation of Heterocycles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 213-216.	2.4	5
117	HMF and furfural: Promising platform molecules in rhodium-catalyzed carbonylation reactions for the synthesis of furfuryl esters and tertiary amides. <i>Journal of Catalysis</i> , 2020, 381, 215-221.	6.2	20
118	Palladium-catalyzed four-component carbonylation of allenes, alcohols and nitroarenes. <i>Journal of Catalysis</i> , 2020, 381, 271-274.	6.2	11
119	From C_6F_6 to gift: producing organic solvents from CO_2 . <i>Green Chemistry</i> , 2020, 22, 8169-8182.	9.0	19
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122	Copper-Catalyzed Synthesis of Stereodefined Cyclopropyl Bis(boronates) from Alkenes with CO as the C1 Source. <i>Journal of the American Chemical Society</i> , 2020, 142, 14074-14079.	13.7	48
123	Disulfide Promoted C-P Bond Cleavage of Phosphoramidate: $\text{C}=\text{P}$ -Surrogates to Synthesize Phosphonates and Phosphinates. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4755-4760.	4.3	4
124	Palladium-catalyzed three-component carbonylative synthesis of 2-(trifluoromethyl)quinazolin-4(3 <i>H</i>)-ones from trifluoroacetimidoyl chlorides and amines. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2499-2504.	4.5	35
125	Rhodium-Catalyzed Carbonylative Synthesis of Aryl Salicylates from Unactivated Phenols. <i>Organic Letters</i> , 2020, 22, 6050-6054.	4.6	4
126	Iron-catalyzed carbonylative cyclization of α,β -unsaturated aromatic oxime esters with amines. <i>Chemical Communications</i> , 2020, 56, 14605-14608.	4.1	19

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128	Palladium-catalyzed carbonylative synthesis of arylacetamides from benzyl formates and tertiary amines. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3406-3410.	4.5	2
129	Palladium-catalyzed double-carbonylative cyclization of propargyl alcohols and aryl triflates to expedite construction of 4-aryl-furan-2(5 <i>H</i>)-ones. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2757-2760.	4.5	17
130	Copper-catalyzed Carbonylative Hydroamidation of Styrenes to Branched Amides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22441-22445.	13.8	50
131	Copper-catalyzed Carbonylative Hydroamidation of Styrenes to Branched Amides. <i>Angewandte Chemie</i> , 2020, 132, 22627-22631.	2.0	14
132	Copper-catalyzed borylative cyclization of $\hat{\text{I}}^3, \hat{\text{I}}^1$ -unsaturated aromatic oxime esters to (borylmethyl)pyrrolidines. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3382-3386.	4.5	4
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142	Iron-catalyzed Synthesis of 2-Aminofurans from 2-Haloketones and Tertiary Amines or Enamines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2605-2616.	2.4	5
143	Zinc-catalyzed transformation of diarylphosphoryl azides to diarylphosphate esters and amides. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1540-1543.	3.3	9
144	Palladium-catalyzed double carbonylation of propargyl amines and aryl halides to access 1-aryl-3-aryl-1,5-dihydro-2 <i>H</i> -pyrrol-2-ones. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1006-1010.	4.5	16

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146	Pd/C-Catalyzed Carbonylative Synthesis of β -Carbonyl- β -Amide Sulfoxonium Ylides from Azides. <i>Journal of Organic Chemistry</i> , 2020, 85, 5733-5740.	3.2	12
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157	Copper-Catalyzed Carbonylative Synthesis of β -Homoprolines from <i>N</i> -Fluoro-sulfonamides. <i>Organic Letters</i> , 2020, 22, 1889-1893.	4.6	26
158	Palladium/aluminium-cocatalyzed carbonylative synthesis of 2-chloroethyl benzoates from epoxides and aryl iodides. <i>Journal of Organometallic Chemistry</i> , 2020, 910, 121114.	1.8	2
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160	Palladium-catalyzed intermolecular transthioetherification of aryl halides with thioethers and thioesters. <i>Chemical Science</i> , 2020, 11, 2187-2192.	7.4	54
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170	Cobalt(II)-Catalyzed Alkoxy-carbonylation of Aliphatic Amines via C-N Bond Activation. <i>Organic Letters</i> , 2019, 21, 6919-6923.	4.6	31
171	Carbonylative transformation of benzyl formates into alkyl 2-arylacetaes in organic carbonates. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3397-3400.	4.5	12
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182	Copper-Catalyzed Alkynylation of C(sp ³)-H Bonds in N-Fluoro-sulfonamides. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5478-5482.	4.3	38
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187	Solar-driven conversion of arylboronic acids to phenols using metal-free heterogeneous photocatalysts. <i>Journal of Catalysis</i> , 2019, 378, 63-67.	6.2	15
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200	Vinylboron Self-Promoted Carbonylative Coupling with Cyclobutanone Oxime Esters. <i>Organic Letters</i> , 2019, 21, 1766-1769.	4.6	33
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226	Palladium-Catalyzed Carbonylative Direct Transformation of Benzyl Amines under Additive-Free Conditions. <i>ACS Catalysis</i> , 2018, 8, 738-741.	11.2	28
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