Xiao-Hong Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Direct synthesis of trifluoroethylated benzofurans from silver-catalyzed annulation of trifluoromethyl propynols with phenols. Tetrahedron, 2022, , 132929.	1.9	2
2	Synthesis of Isoselenazoles and Isothiazoles from Demethoxylative Cycloaddition of Alkynyl Oxime Ethers. Journal of Organic Chemistry, 2021, 86, 632-642.	3.2	11
3	Synthesis of ¹⁵ N-labeled heterocycles <i>via</i> the cleavage of C–N bonds of anilines and glycine- ¹⁵ N. Chemical Communications, 2021, 57, 5442-5445.	4.1	6
4	Iodine-promoted ring-opening methylation of benzothiazoles with dimethyl sulfite. Chemical Communications, 2021, 57, 1923-1926.	4.1	8
5	Palladium-catalyzed selective defluorinative arylation for the efficient stereospecific synthesis of (<i>E</i>)-β-fluoroacrylamides. Organic Chemistry Frontiers, 2021, 8, 4746-4751.	4.5	15
6	A palladium-catalyzed ring-expansion reaction of cyclobutanols with 2-haloanilines leading to benzazepines and quinolines. Chemical Communications, 2021, 57, 10234-10237.	4.1	4
7	Copper-Catalyzed Selective Defluorinative Sulfuration of Trifluoropropanamides Leading to α-Fluorothioacrylamides. Journal of Organic Chemistry, 2021, 86, 1591-1600.	3.2	13
8	Palladium-Catalyzed Methylsulfonylation of Alkyl Halides Using Dimethyl Sulfite as SO ₂ Surrogate and Methyl Source. Journal of Organic Chemistry, 2021, 86, 17496-17503.	3.2	3
9	Regioselective Synthesis of 4-Trifluoromethylpyrazoles from the Cycloaddition of Sulfonyl Hydrazones with 2-Chloro-2-trifluoromethylstyrenes. Tetrahedron Letters, 2021, , 153528.	1.4	1
10	Base-promoted thioannulation of <i>o</i> -alkynyl oxime ethers with sodium sulfide for the general synthesis of isothiocoumarins. Organic and Biomolecular Chemistry, 2021, 19, 10174-10180.	2.8	3
11	Thioamidation of Arylpropyne Derivatives with Sulfur and Formamides for the Synthesis of Aryl Propanethioamides. Asian Journal of Organic Chemistry, 2020, 9, 111-115.	2.7	2
12	Copper-catalyzed three component C S/C N coupling for the synthesis of trifluorothioacetamides. Journal of Fluorine Chemistry, 2020, 239, 109640.	1.7	0
13	DBU-Promoted Demethoxylative Thioannulation of Alkynyl Oxime Ethers with Sulfur for the Synthesis of Bisisothiazole-4-yl Disulfides. Journal of Organic Chemistry, 2020, 85, 10083-10090.	3.2	12
14	Transition-metal and base-free thioannulation of propynamides with sodium sulfide and dichloromethane for the selective synthesis of 1,3-thiazin-4-ones and thiazolidine-4-ones. Tetrahedron, 2020, 76, 131021.	1.9	5
15	Palladium-catalyzed selective defluorinative sulfenylation for the synthesis of fluorovinylthioethers. Organic Chemistry Frontiers, 2020, 7, 3174-3178.	4.5	14
16	Copperâ€Catalyzed Electrophilic Cyclization of <i>N</i> â€Propargylamines with Sodium Sulfinate for the Synthesis of 3â€Sulfonated Quinolines. Chemistry - an Asian Journal, 2019, 14, 4358-4364.	3.3	14
17	Organophosphine-free copper-catalyzed isothiocyanation of amines with sodium bromodifluoroacetate and sulfur. Chemical Communications, 2019, 55, 1144-1147.	4.1	25
18	Copper-Catalyzed Tandem Sulfuration/Annulation of Propargylamines with Sulfur via C–N Bond Cleavage. Journal of Organic Chemistry, 2019, 84, 7894-7900.	3.2	20

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19	The rhodium-catalyzed selective oxidative Heck reaction of amides with allylic esters. Tetrahedron Letters, 2019, 60, 1557-1561.	1.4	3
20	Copper-catalyzed direct C–H phosphorylation of <i>N</i> -imino isoquinolinium ylides with H-phosphonates. Organic Chemistry Frontiers, 2019, 6, 1453-1457.	4.5	13
21	Copper-catalyzed tandem cyclization and vinylation for the synthesis of 2-trifluoromethyl benzofurans. Journal of Fluorine Chemistry, 2019, 228, 109418.	1.7	7
22	Ni-Catalyzed Defluorination for the Synthesis of <i>gem</i> -Difluoro-1,3-dienes and Their [4 + 2] Cycloaddition Reaction. Organic Letters, 2019, 21, 671-674.	4.6	29
23	Copper atalyzed Thioannulation of Propynamides with Sodium Sulfide for the Synthesis of Isothiazolâ€3â€ones. Advanced Synthesis and Catalysis, 2019, 361, 1459-1462.	4.3	13
24	Palladium-Catalyzed Tandem Carbocyclization and Hetroarylation for the Synthesis of 2-(Trifluoromethyl)indenylmethyleneindoles. Journal of Organic Chemistry, 2019, 84, 307-313.	3.2	5
25	Ni(II)-catalyzed C(sp2) H alkynylation/annulation cascades: Regioselective access to 3-methyleneisoindoline-1-one using N,S-bidentate auxiliary. Tetrahedron, 2019, 75, 246-252.	1.9	7
26	Palladium-catalyzed dimerization of <i>N</i> -aryl propargylamines for the synthesis of 3-vinylquinolines. Organic and Biomolecular Chemistry, 2018, 16, 1736-1744.	2.8	9
27	Palladium-catalyzed intramolecular aerobic C-H amination of enamines for the synthesis of 2-trifluoromethylindoles. Tetrahedron, 2018, 74, 720-725.	1.9	14
28	Copper-Catalyzed <i>N</i> -Formylation of Amines through Tandem Amination/Hydrolysis/Decarboxylation Reaction of Ethyl Bromodifluoroacetate. Journal of Organic Chemistry, 2018, 83, 12815-12821.	3.2	28
29	Copperâ€Catalyzed Defluorinative Thioannulation of Trifluoropropynes for the Synthesis of 1,2â€Dithioleâ€3â€thiones. Advanced Synthesis and Catalysis, 2018, 360, 3911-3915.	4.3	27
30	Photoredox-catalyzed chloroalkylation and dimerization of styrenes with CF3CCl3 and CCl4. Journal of Fluorine Chemistry, 2018, 215, 10-16.	1.7	2
31	Pd-Catalyzed C(sp ²)–H aminocarbonylation using the Langlois reagent as a carbonyl source. Organic and Biomolecular Chemistry, 2018, 16, 6438-6442.	2.8	18
32	Copper Catalyzed Iodosulfenylation of Styrenes by Dual C—H Oxidative Functionalization. Chinese Journal of Chemistry, 2017, 35, 307-310.	4.9	7
33	Transition-Metal-Free C–N Bond Activation: Synthesis of α,α-Bis(arylthio) Aldehydes. Synlett, 2017, 28, 841-846.	1.8	18
34	Transition-Metal-Free Conversion of Trifluoropropanamides into Cyanoformamides through C–CF ₃ Bond Cleavage and Nitrogenation. Journal of Organic Chemistry, 2017, 82, 5475-5480.	3.2	18
35	Iron-Catalyzed Thiocyclization for the Synthesis of TrifluoroÂmethylated Benzothiophenes by C–H Functionalization of Aryl Disulfides. Synlett, 2017, 28, 707-712.	1.8	6
36	One-Pot Synthesis of Quinoxalinones via Tandem Nitrosation/Cyclization of N-Aryl Cyanoacetamides. Journal of Organic Chemistry, 2017, 82, 11247-11252.	3.2	20

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37	FeBr3-Catalyzed Tandem Reaction of N-Propargylamides with Disulfides or Diselenides for the Synthesis of Oxazole Derivatives. Synlett, 2016, 27, 1110-1115.	1.8	7
38	Synthesis of 2-Sulfenylindenones via One-Pot Tandem Meyer–Schuster Rearrangement and Radical Cyclization of Arylpropynols with Disulfides. Journal of Organic Chemistry, 2016, 81, 5710-5716.	3.2	64
39	Copper-Catalyzed Three-Component Tandem Cyclization for One-Pot Synthesis of 1,4-Benzothiazines. Journal of Organic Chemistry, 2016, 81, 8647-8652.	3.2	22
40	Copper-Catalyzed Tandem Reaction of 2-Aminobenzamides with Tertiary Amines for the Synthesis of Quinazolinone Derivatives. Synlett, 2016, 27, 2851-2857.	1.8	10
41	Synthesis of 2-(trifluoromethylthio)-indenones by silver-mediated cascade trifluoromethylthiolation/cyclization of arylpropynones. Tetrahedron, 2016, 72, 7589-7593.	1.9	31
42	The synthesis of 3-sulfenylflavones via FeCl3-promoted regioselective cyclization of alkynyl aryl ketones with N-arylthiobenzamides. Tetrahedron, 2016, 72, 8617-8622.	1.9	12
43	Mild synthesis of <i>N</i> -acylsulfenamides from arylamides and disulfides. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 89-94.	1.6	4
44	lodine-promoted selective 3-selanylation and 3-sulfenylation of indoles with dichalcogenides under mild conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 100-103.	1.6	18
45	Silver-Catalyzed Tandem Trifluoromethylation and Cyclization of Aryl Isonitriles with the Langlois Reagent. Synthesis, 2015, 47, 3460-3466.	2.3	30
46	Palladium-catalyzed oxidative carbamoylation of isoquinoline N-oxides with formylamides by means of dual C–H oxidative coupling. Chemical Communications, 2015, 51, 4097-4100.	4.1	34
47	Copper-catalyzed ring expansion of 2-aminobenzothiazoles with alkynyl carboxylic acids to 1,4-benzothiazines. Organic and Biomolecular Chemistry, 2015, 13, 3122-3127.	2.8	16
48	Pd(II)-catalyzed selective sulfenylation of arene C–H bonds using N-arylthiobenzamides as thiolation reagent and oxidant. Tetrahedron, 2015, 71, 5458-5464.	1.9	34
49	Direct Sulfenylation of Imidazoheterocycles with Disulfides in an Iodine–Hydrogen Peroxide System. Synthesis, 2015, 47, 659-671.	2.3	39
50	Pd-catalyzed decarboxylative coupling of arylalkynyl carboxylic acids with allyl ethers: regioselective synthesis of branched 1,3-enynes. Tetrahedron, 2015, 71, 9245-9250.	1.9	9
51	Copper-mediated stereospecific C–H oxidative sulfenylation of terminal alkenes with disulfides. Chemical Communications, 2015, 51, 15558-15561.	4.1	64
52	A novel Pd-catalyzed N-dealkylative carbonylation of tertiary amines for the preparation of amides. Chemical Communications, 2014, 50, 14775-14777.	4.1	30
53	Synthesis of 2-Acylbenzothiazoles via the Cu(OTf)2-Catalyzed Tandem Reaction of β,β-Dihalidestyrenes with 2,2′-Disulfanediyldianilines. Synlett, 2014, 25, 255-260.	1.8	2
54	Synthesis of 3-Trifluoromethylbenzofurans via Palladium-Catalyzed Tandem Elimination/Annulation of β-Chloro-β-(trifluoromethyl)styrenes with 2-Halophenols. Synthesis, 2014, 46, 313-319.	2.3	8

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55	Ironâ€Promoted Electrophilic Annulation of Aryl Enynes with Disulfides or Diselenides Leading to Polysubstituted Naphthalenes. Advanced Synthesis and Catalysis, 2014, 356, 1962-1966.	4.3	53
56	One-pot synthesis of 3-trifluoromethylbenzofurans via tandem iodocyclization and trifluoromethylation of 2-alkynylanisoles. Tetrahedron Letters, 2014, 55, 1501-1503.	1.4	11
57	Oxidative tandem nitrosation/cyclization of N-aryl enamines with nitromethane toward 3-(trifluoromethyl)quinoxalines. Chemical Communications, 2014, 50, 14554-14557.	4.1	26
58	One-Pot Synthesis of 2,3-Diarylbenzofurans via Sequential Iodocyclization and Pd-Catalyzed Suzuki Coupling Reactions of 2-Alkynylanisoles with Boronic Acids in Water. Synthetic Communications, 2014, 44, 3148-3155.	2.1	8
59	A facile one-pot synthesis of benzothiophenes via copper-catalyzed thiolation annulations of o-halostyrenes with NaSH. Tetrahedron, 2014, 70, 7969-7972.	1.9	11
60	FeCl ₃ -Promoted Carboxamidation and Cyclization of Aryl Isonitriles with Formamides toward Phenanthridine-6-carboxamides. Journal of Organic Chemistry, 2014, 79, 9907-9912.	3.2	61
61	Palladium-Catalyzed Iodine-Mediated Electrophilic Annulation of 2-(1-Alkynyl)biphenyls with Disulfides. Journal of Organic Chemistry, 2013, 78, 1300-1305.	3.2	42
62	A Green and Efficient Approach for the Synthesis of 3-Chalcogen Benzo[<i>b</i>]Furans <i>via</i> I ₂ -Mediated Cascade Annulation Reaction of 2-Alkynylanisoles at Room Temperature in Water. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1599-1610.	1.6	19
63	Copperâ€Catalyzed Tandem CC/CO Bondâ€Forming Reactions of <i>ortho</i> â€Haloâ€Î²â€chlorostyrenes Ketones: Synthesis of 4â€Trifluoromethylbenzoxepines. Advanced Synthesis and Catalysis, 2013, 355, 377-382.	with 4.3	14
64	Pd(II)-Catalyzed <i>ortho</i> - or <i>meta</i> -C–H Olefination of Phenol Derivatives. Journal of the American Chemical Society, 2013, 135, 7567-7571.	13.7	305
65	The Synthesis of 2-(Arylthio)arylcyanamides via Copper-Catalyzed Domino Intermolecular C-S Cross-Coupling Reaction of 2-Aminobenzothiazoles with Aryl Iodides. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1137-1146.	1.6	4
66	Synthesis of 6-(Trifluoromethyl)phenanthridines via Palladium-Catalyzed Tandem Suzuki/C–H Arylation Reactions. Journal of Organic Chemistry, 2013, 78, 6025-6030.	3.2	57
67	Tetrabutylammonium Bromide Catalyzed Tandem Addition/Cyclization of o-Aralkynylaryl Aldehydes with Trimethyl(trifluoromethyl)silane: Synthesis of Trifluoromethyl Group Containing Phthalans. Synlett, 2013, 24, 2748-2750.	1.8	3
68	CuBr2-Promoted Tetrahydrofuranylation of Alcohols and 1,3-Dione. Synlett, 2013, 24, 737-740.	1.8	9
69	Iron-Catalyzed Benzylation Reaction of Arenes with Benzyl Thiocyanates. Synlett, 2012, 23, 627-631.	1.8	4
70	Palladium-Catalyzed Tandem Carbocyclization–Suzuki Coupling Reactions of Trifluoromethyl-Containing Building Blocks Leading to 2-TrifluoromethylÂ i ndenes. Synthesis, 2012, 45, 118-126.	2.3	5
71	Copper-Catalyzed Thiolation Cyclization of 1-Chloro-1,5-enynes with Sodium Hydrosulfide: Synthesis of CF3-Containing 1H-Isothiochromenes. Synthesis, 2012, 44, 966-972.	2.3	12
72	The Synthesis of <i>N</i> â€Arylated Amides <i>via</i> Copper(II) Triflate―Catalyzed Direct Oxygenation and <i>N</i> â€Arylation of Benzylamines with Aryl Iodides. Advanced Synthesis and Catalysis, 2012, 354, 2665-2670.	4.3	14

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73	Ligand-Enabled Methylene C(sp ³)–H Bond Activation with a Pd(II) Catalyst. Journal of the American Chemical Society, 2012, 134, 18570-18572.	13.7	230
74	Palladium and Copper Cocatalyzed Tandem N–H/C–H Bond Functionalization: Synthesis of CF ₃ -Containing Indolo- and Pyrrolo[2,1- <i>a</i>]isoquinolines. Journal of Organic Chemistry, 2012, 77, 2850-2856.	3.2	53
75	Pd(II)-Catalyzed Ortho Trifluoromethylation of Arenes and Insights into the Coordination Mode of Acidic Amide Directing Groups. Journal of the American Chemical Society, 2012, 134, 11948-11951.	13.7	285
76	Palladiumâ€Catalyzed Intramolecular Annulation of 3â€{2â€(2â€lodobenzylamino)aryl]â€ <i>N</i> â€arylpropiolamides: Synthesis of 3â€{5 <i>H</i> â€Dibenzo[<i>b,e</i>]azepinâ€11(6 <i>H</i>)â€ylidene]indolinâ€2â€ones. Advanced Synthesis and Catalysis, 2012, 354, 889-898.	1 ^{4.3}	27
77	Palladiumâ€Catalyzed Heckâ€Type Reactions of Allylic Esters with Arylboronic Acids or Potassium Aryltrifluoroborates. Advanced Synthesis and Catalysis, 2012, 354, 1069-1076.	4.3	15
78	Palladium atalyzed CH Oxidation of Isoquinoline <i>N</i> â€Oxides: Selective Alkylation with Dialkyl Sulfoxides and Halogenation with Dihalo sulfoxides. Advanced Synthesis and Catalysis, 2012, 354, 1890-1896.	4.3	88
79	Palladium-Catalyzed Oxidative Coupling of Trialkylamines with Aryl Iodides Leading to Alkyl Aryl Ketones. Organic Letters, 2011, 13, 2184-2187.	4.6	61
80	Cul/I ₂ -Promoted Electrophilic Tandem Cyclization of 2-Ethynylbenzaldehydes with <i>ortho</i> -Benzenediamines: Synthesis of Iodoisoquinoline-Fused Benzimidazoles. Journal of Organic Chemistry, 2011, 76, 223-228.	3.2	82
81	Palladium-Catalyzed Selective Heck-Type Diarylation of Allylic Esters with Aryl Halides Involving a β-OAc Elimination Process. Organic Letters, 2011, 13, 1126-1129.	4.6	43
82	Cul/TMEDA-Catalyzed Annulation of 2-Bromo Alkynylbenzenes with Na ₂ S: Synthesis of Benzo[<i>b</i>]thiophenes. Journal of Organic Chemistry, 2011, 76, 7546-7550.	3.2	119
83	Ironâ€Facilitated Iodineâ€Mediated Electrophilic Annulation of <i>N</i> , <i>N</i> â€Dimethylâ€2â€alkynylanilines with Disulfides or Diselenides. Advanced Synthesis and Catalysis, 2011, 353, 2739-2748.	4.3	129
84	ZnCl2-catalyzed [4Â+Â2] benzannulation of 2-ethynylbenzaldehydes with alkynes: Selective synthesis of naphthalene derivatives. Journal of Organometallic Chemistry, 2011, 696, 352-356.	1.8	40
85	FeF3/I2-Catalyzed Synthesis of 4-Chalcogen-Substituted Arylamines by Direct Thiolation of an Arene C-H Bond. Synthesis, 2011, 2011, 1099-1105.	2.3	11
86	Synthesis of N-aryl trifluoromethylarylketoimines by palladium-catalyzed Suzuki coupling reaction of N-aryltrifluoroacetimidoyl chlorides with aryl boronic acids. Journal of Fluorine Chemistry, 2010, 131, 856-860.	1.7	11
87	ZnI ₂ â€Catalyzed Benzannulation of <i>o</i> â€Alkynylbenzaldehydes with Alkenes Leading to 1â€Acylâ€2â€5ubstituted Naphthalenes. European Journal of Organic Chemistry, 2010, 2010, 4211-4217.	2.4	49
88	Silver-Catalyzed Tandem Ammonolysis-Cyclization of 2-Alkynylbenzenamines with Tetraalkylthiuram Disulfides to 4-Methylene-4H-benzo[d][1,3]thiazin-2-amines. Synlett, 2010, 2010, 1345-1350.	1.8	4
89	Synthesis of 1-Substituted 2-(Trifluoromethyl)indoles via a Palladium-Catalyzed Double Amination Reaction. Synthesis, 2010, 2010, 1521-1525.	2.3	7
90	Palladium-Catalyzed Decarboxylative Coupling of Alkynyl Carboxylic Acids with Benzyl Halides or Aryl Halides. Journal of Organic Chemistry, 2010, 75, 5259-5264.	3.2	148

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91	Copper-Catalyzed Thiolation Annulations of 1,4-Dihalides with Sulfides Leading to 2-Trifluoromethyl Benzothiophenes and Benzothiazoles. Journal of Organic Chemistry, 2010, 75, 7037-7040.	3.2	93
92	Iodocyclization of N-[2-(Methylthio)phenyl]propiolamides: Selective Synthesis of 3-Iodo-1,5-benzothiazepin-4-ones. Synthesis, 2009, 2009, 3029-3038.	2.3	2
93	Copper-Catalyzed Tandem C-N Bond Formation Reaction: Selective Synthesis of 2-(Trifluoromethyl)benzimidazoles. Synthesis, 2009, 2009, 1431-1436.	2.3	5
94	Copper-Catalyzed Tandem Reaction of 2-Haloaniline Derivatives with Tetraalkylthiuram Disulfides: Selective Synthesis of 2-Aminobenzothiazoles. Synlett, 2009, 2009, 3032-3036.	1.8	6
95	Palladium atalyzed Annulation of 2â€(1â€Alkynyl)benzenamines with Disulfides: Synthesis of 3â€Sulfenylindoles. Advanced Synthesis and Catalysis, 2009, 351, 2615-2618.	4.3	93
96	Ironâ€Catalyzed Tandem Reactions of 2â€Halobenzenamines with Isothiocyanates Leading to 2â€Aminobenzothiazoles. Advanced Synthesis and Catalysis, 2009, 351, 2319-2323.	4.3	88
97	PdCl ₂ -Promoted Electrophilic Annulation of 2-Alkynylphenol Derivatives with Disulfides or Diselenides in the Presence of Iodine. Journal of Organic Chemistry, 2009, 74, 7844-7848.	3.2	88
98	Efficient One-Pot Synthesis of 2-Chloro-1,1, 1-trifluoro-2-alkenes Under Solvent-Free Conditions. Synthetic Communications, 2009, 39, 756-763.	2.1	8
99	Palladium-Catalyzed Intramolecular 5- <i>exo</i> - <i>dig</i> Hydroarylations of <i>N</i> -Arylpropiolamides: Thermodynamics-Controlled Stereoselective Synthesis of 3-Methyleneoxindoles. Journal of Organic Chemistry, 2009, 74, 8834-8837.	3.2	69
100	Regio- and stereo-specific preparation of (E)-1-aryl-3,3,3-trifluoro-1-iodo-propenes and their palladium-catalyzed reaction with terminal alkynes. Journal of Fluorine Chemistry, 2008, 129, 335-342.	1.7	16
101	A convenient synthesis of CF3-containing alkynyl imines by a copper-free Sonogashira coupling of imidoyl chlorides with terminal alkynes. Journal of Chemical Research, 2008, 2008, 637-639.	1.3	3
102	A Facile Oneâ€Pot Synthesis of αâ€lodoâ€l±,βâ€unsaturated Esters. Synthetic Communications, 2004, 34, 1729	-127136.	15
103	The stereospecific trifluoromethylation of α-iodo-α,β-unsaturated esters: a novel synthesis of (Z)-α-trifluoromethyl-α,β-unsaturated esters. Journal of Fluorine Chemistry, 2001, 108, 79-82.	1.7	23
104	The trifluoromethylation of 1,1-dibromo-1-alkenes using trifluoromethylcopper (CF3Cu) generated in situ from methyl fluorosulfonyldifluoroacetate. Journal of Fluorine Chemistry, 2001, 111, 185-187.	1.7	30