

Xiaoming Zhao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Regio- and Enantioselective Iridium-Catalyzed Allylation of Thiophenol: Synthesis of Enantiopure Allyl Phenyl Sulfides. <i>Organic Letters</i> , 2010, 12, 4454-4457.	2.4	58
2	Carbon-Sulfur Bond Formation via Iridium-Catalyzed Asymmetric Allylation of Aliphatic Thiols. <i>Organic Letters</i> , 2011, 13, 1514-1516.	2.4	58
3	Preparation of alginate oligosaccharides and their biological activities in plants: A review. <i>Carbohydrate Research</i> , 2020, 494, 108056.	1.1	58
4	Synthesis of 2,5-disubstituted thiophenes via metal-free sulfur heterocyclization of 1,3-diyne with sodium hydrosulfide. <i>RSC Advances</i> , 2012, 2, 5488.	1.7	47
5	Carbon-Sulfur Bond Formation via Metal-Catalyzed Allylations of Sulfur Nucleophiles. <i>Synthesis</i> , 2013, 45, 2051-2069.	1.2	43
6	One pot iridium-catalyzed asymmetrical double allylations of sodium sulfide: a fast and economic way to construct chiral C2-symmetric bis(1-substituted-allyl)sulfane. <i>Chemical Communications</i> , 2011, 47, 6969.	2.2	42
7	Preparation of trisaccharides from alginate by a novel alginate lyase Alg7A from marine bacterium <i>Vibrio</i> sp. W13. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 879-885.	3.6	29
8	Carbon-Phosphorus Bond Formation by Enantioselective Palladium-Catalyzed Allylation of Diphenylphosphine Oxide. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6846-6849.	1.2	28
9	Ag-Assisted Fluorination of Unprotected 4,6-Disubstituted 2-Aminopyrimidines with Selectfluor. <i>Journal of Organic Chemistry</i> , 2017, 82, 1260-1265.	1.7	27
10	Palladium-Catalyzed Cross-Coupling of <i>gem</i> -Bis(boronates) with Aryl Halides: An Alternative To Access Quaternary α -Aryl Aldehydes. <i>Organic Letters</i> , 2019, 21, 393-396.	2.4	26
11	Difunctionalization of ketones <i>via gem</i> -bis(boronates) to synthesize quaternary carbon with high selectivity. <i>Chemical Communications</i> , 2018, 54, 13375-13378.	2.2	25
12	Enantioselective Copper-Catalyzed Desymmetrization of 1,3-Diketones Involving Borylation of Styrenes. <i>Organic Letters</i> , 2019, 21, 6040-6044.	2.4	24
13	Iridium-catalyzed asymmetric allylation of sodium triisopropylsilanethiolate: A new way to form chiral thiols. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7897.	1.5	22
14	Highly regioselective Pd-catalyzed allylic alkylation of fluorobis(phenylsulfonyl)methane. <i>Tetrahedron Letters</i> , 2011, 52, 665-667.	0.7	22
15	Selective Fluorination of 4-Substituted 2-Aminopyridines and Pyridin-2(1 <i>H</i>)-ones in Aqueous Solution. <i>Organic Letters</i> , 2018, 20, 4858-4861.	2.4	22
16	Selectfluor-promoted regioselective chlorination/bromination of 2-aminopyridines and 2-aminodiazines using LiCl/LiBr. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6342-6345.	1.5	21
17	Diastereoselective and Enantioselective Ir-Catalyzed Allylic Substitutions of 1-Substituted 1-Fluoro-1-(arenesulfonyl)methylene Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 10693-10698.	1.7	19
18	The synthesis of carbonyl 2-amino-pyrimidines via tandem regioselective heterocyclization of 1,3-diyne with guanidine and selective oxidation. <i>Chemical Communications</i> , 2015, 51, 9370-9373.	2.2	17

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19	Transition-Metal-Free Heterocyclization of 1,3-Diynes with Nitriles in the Presence of Aqueous Potassium Hydroxide: Synthesis of 2,4-Disubstituted 5-[(E)-2-Phenylethenyl]-1,3-oxazoles. <i>Synthesis</i> , 2014, 46, 2499-2505.	1.2	16
20	Enantioselective Palladium-Catalyzed Allylic Substitution of Sodium Benzotriazolide. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6288-6293.	1.2	14
21	Silver-promoted selective fluorination of 2-aminopyrimidines: synthesis of 5-fluoro-2-aminopyrimidine derivatives. <i>Organic Chemistry Frontiers</i> , 2019, 6, 426-431.	2.3	14
22	Diastereoselective and Enantioselective Palladium-Catalyzed Allylic Substitution of Substituted Fluorinated Methylene Derivatives. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1141-1144.	1.2	13
23	Synthesis of Chiral Allylic Thioesters: Enantio- and Regioselective Iridium-Catalyzed Allylations of KSAc. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2708-2714.	1.2	12
24	Synthesis of Allyl Carbamates through the Regioselective Domino Reaction of Amines, CO ₂ , and Unsymmetrical Allyl Chlorides under Pd Catalysis. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5925-5928.	1.2	12
25	Synthesis of chiral fluorine-containing compounds via Pd-catalyzed asymmetrical allylations of dimethyl 2-fluoromalonate using sulfonamide-pyridine ligands. <i>Journal of Fluorine Chemistry</i> , 2016, 189, 13-21.	0.9	11
26	Regioselective Fluorination of 1-(2,2-Dibromovinyl)benzene Derivatives with Wet Tetra-n-butylammonium Fluoride: One-Pot Synthesis of (Z)-1-(2-Bromo-1-fluorovinyl)benzenes. <i>Organic Letters</i> , 2016, 18, 416-419.	2.4	10
27	Chiral carbon-sulfur center formation via Pd-catalyzed asymmetric allylic thioetherification: synthesis of allylic thioethers. <i>RSC Advances</i> , 2017, 7, 256-259.	1.7	8
28	Ag-Catalyzed selective fluorination of 6-substituted 2-aminopyrazines. <i>Journal of Fluorine Chemistry</i> , 2019, 218, 111-115.	0.9	8
29	Sulfur Heterocyclization and 1,3-Migration of Silicon in Reaction of 1,3-Diynes with Sodium Triisopropylsilylanethiolate: One-Pot Synthesis of 2,5-Disubstituted 3-(Triisopropylsilyl)thiophenes. <i>Synthesis</i> , 2013, 45, 1713-1718.	1.2	7
30	Selective Fluorination of 2-Aminopyrazine Derivatives in Aqueous Phase. <i>Acta Chimica Sinica</i> , 2018, 76, 962.	0.5	6
31	Chemoselective, Regioselective, and Enantioselective Allylations of NH ₂ OH under Iridium Catalysis. <i>Organic Letters</i> , 2019, 21, 5383-5386.	2.4	5
32	Thieme Chemistry Journals Awardees – Where Are They Now? Chiral Sulfinamide Ligands and Pd-Catalyzed Asymmetric Allylic Alkylations of Ethyl 2-Fluoroacetoacetate. <i>Synlett</i> , 2017, 28, 1801-1806.	1.0	4
33	Enantioselective Synthesis of CF ₃ -S-Containing Compounds via Ir-Catalyzed Allylic Alkylations of CF ₃ -S-Substituted Functionalized Methylene Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 15648-15654.	1.7	3
34	Highly regioselective iridium-catalyzed and samarium-promoted coupling of allylic carbonates with ketones: a new approach towards homoallylic alcohols. <i>RSC Advances</i> , 2013, 3, 19917.	1.7	2
35	Characterization of recombinant E. coli expressing a novel fucosidase from <i>Bacillus cereus</i> 2 belonging to GH95 family. <i>Protein Expression and Purification</i> , 2021, 186, 105897.	0.6	2
36	Synthesis of 5-Trifluoromethyl-Substituted (Z)-N,N-Dimethyl-N ² -(pyrazin-2-yl)formimidamides from 2-Aminopyrazines, Li/Selectfluor, FSO ₂ CF ₂ CO ₂ Me and DMF under Cu Catalysis. <i>Synthesis</i> , 0, , .	1.2	2

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37	Iridium-catalyzed Allylic Alkylations of Sodium Phenyl Selenide. Chinese Journal of Chemistry, 2012, 30, 2647-2651.	2.6	1
38	A Novel Bisoxazoline-imidazolium Salt in Ytterbium-catalyzed Asymmetric Reduction of Ketone. European Journal of Organic Chemistry, 2020, 2020, 5025-5028.	1.2	0