Zhenghu Xu

List of Publications by Year
in descending order

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		101543	155660
67	3,221	36	55
papers	citations	h-index	g-index

75	75	75	2437
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Au-catalyzed neighboring hydroxymethyl group directed cycloaddition of alkyne with diazadienes: Synthesis of polysubstituted pyrroles. Chinese Chemical Letters, 2023, 34, 107488.	9.0	9
2	Asymmetric synthesis of tricyclic 6,5,5-fused polycycles by the desymmetric Pausonâ€“Khand reaction. Organic Chemistry Frontiers, 2022, 9, 1680-1685.	4.5	5
3	Asymmetric Azideâ€“Alkyne Cycloaddition with Ir(I)/Squaramide Cooperative Catalysis: Atroposelective Synthesis of Axially Chiral Aryltriazoles. Journal of the American Chemical Society, 2022, 144, 6200-6207.	13.7	38
4	Synthesis of Î±-trifluoromethyl sulfides through fluorosulfuration ofgem-difluoroalkenes. Organic Chemistry Frontiers, 2022, 9, 2926-2931.	4.5	3
5	Copper(I)â€Catalyzed Asymmetric Interrupted Kinugasa Reaction: Synthesis of Î±â€Thiofunctional Chiral Î²â€Lactams. Angewandte Chemie - International Edition, 2021, 60, 4561-4565.	13.8	71
6	Copper(I)â€Catalyzed Asymmetric Interrupted Kinugasa Reaction: Synthesis of Î±â€Thiofunctional Chiral Î²â€Lactams. Angewandte Chemie, 2021, 133, 4611-4615.	2.0	12
7	Ni-Catalyzed asymmetric hetero-Dielsâ€“Alder reactions of conjugated vinyl azides: synthesis of chiral azido polycycles. Organic Chemistry Frontiers, 2021, 8, 1770-1774.	4.5	12
8	Modular Synthesis of Î±â€Quaternary Chiral Î²â€Lactams by a Synergistic Copper/Palladiumâ€Catalyzed Multicomponent Reaction. Angewandte Chemie - International Edition, 2021, 60, 13814-13818.	13.8	43
9	Modular Synthesis of Î±â€Quaternary Chiral Î²â€Lactams by a Synergistic Copper/Palladiumâ€Catalyzed Multicomponent Reaction. Angewandte Chemie, 2021, 133, 13933-13937.	2.0	8
10	Interrupted Kinugasa allylic alkylation. Trends in Chemistry, 2021, , .	8.5	8
11	Asymmetric Synthesis of a Fused Tricyclic Hydronaphthofuran Scaffold by Desymmetric [2+2+2] Cycloaddition. Angewandte Chemie - International Edition, 2020, 59, 2220-2224.	13.8	40
12	<scp>Sâ€Trifluoroethyl</scp> Benzenesulfonothioate: A <scp>Benchâ€Stable</scp> Reagent for Electrophilic Trifluoroethylthiolation^{â€}. Chinese Journal of Chemistry, 2020, 38, 1625-1628.	4.9	11
13	Kinetically Controlled Radical Addition/Elimination Cascade: From Alkynyl Aziridine to Fluorinated Allenes. Organic Letters, 2020, 22, 2419-2424.	4.6	16
14	Asymmetric Synthesis of a Fused Tricyclic Hydronaphthofuran Scaffold by Desymmetric [2+2+2] Cycloaddition. Angewandte Chemie, 2020, 132, 2240-2244.	2.0	9
15	Copper(I)â€Catalyzed Interrupted Click/Sulfenylation Cascade: Oneâ€Pot Synthesis of Sulfur Cycle Fused 1,2,3â€Triazoles. Chinese Journal of Chemistry, 2020, 38, 445-448.	4.9	35
16	Gold-catalyzed domino reactions of alkynol and p-quinone methides: divergent synthesis of fused- and spiro-ketals. Organic Chemistry Frontiers, 2020, 7, 856-861.	4.5	23
17	Divergent synthesis of chiral cyclic azides via asymmetric cycloaddition reactions of vinyl azides. Nature Communications, 2019, 10, 3158.	12.8	47
18	Decarboxylative sulfenylation of amino acids via metallaphotoredox catalysis. Organic Chemistry Frontiers, 2019, 6, 3224-3227.	4.5	25

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19	Hydroalkynylative cyclization of 1,6-enynes with terminal alkynes. Chemical Science, 2019, 10, 6863-6867.	7.4	33
20	Palladiumâ€Catalyzed Annulation of Aryltriazoles and Arylisoxazoles with Alkynes. Advanced Synthesis and Catalysis, 2019, 361, 4386-4392.	4.3	4
21	Scandium-catalyzed electrophilic alkene difunctionalization: regioselective synthesis of thiosulfone derivatives. Organic Chemistry Frontiers, 2019, 6, 1663-1666.	4.5	47
22	Gold/photoredox-cocatalyzed atom transfer thiosulfonylation of alkynes: Stereoselective synthesis of vinylsulfones. Tetrahedron Letters, 2019, 60, 916-919.	1.4	28
23	Synthesis of 4H-chromenes by silver (I)-catalyzed cycloaddition of ortho-quinone methides with N-allenamides. Science China Chemistry, 2019, 62, 80-86.	8.2	19
24	Diastereoselective Synthesis of Polysubstituted Spirocyclopenta[c]furans by Gold-Catalyzed Cascade Reaction. Organic Letters, 2019, 21, 692-695.	4.6	38
25	Copper-catalyzed carbene insertion into the sulfurâ€“sulfur bond of benzenesulfonothioate. Organic Chemistry Frontiers, 2018, 5, 1371-1374.	4.5	42
26	Synthesis of benzannulated spiroketals with gold-catalyzed cycloisomerization/spiroketalization cascade. Organic Chemistry Frontiers, 2018, 5, 990-993.	4.5	15
27	Scandium (III)â€Catalyzed Cycloaddition of in situ Generated orthoâ€Quinone Methides with Vinyl Azides: An Efficient Access to Substituted 4Hâ€Chromenes. Advanced Synthesis and Catalysis, 2018, 360, 3585-3589.	4.3	26
28	Atom Transfer Radical Addition to Alkynes and Enynes: A Versatile Gold/Photoredox Approach to Thio-Functionalized Vinylsulfones. ACS Catalysis, 2018, 8, 8237-8243.	11.2	106
29	Copper-Catalyzed Oxidative Trifunctionalization of Olefins: An Access to Functionalized Î²-Keto Thiosulfones. Journal of Organic Chemistry, 2018, 83, 9449-9455.	3.2	51
30	Copper(I)-Catalyzed Three-Component Click/Persulfuration Cascade: Regioselective Synthesis of Triazole Disulfides. Organic Letters, 2018, 20, 2956-2959.	4.6	63
31	Cu-Catalyzed Electrophilic Disulfur Transfer: Synthesis of Unsymmetrical Disulfides. Organic Letters, 2018, 20, 3829-3832.	4.6	64
32	Gold-Catalyzed Cycloisomerization/1,5-H Migration/Dielsâ€“Alder Reaction Cascade: Synthesis of Complex Nitrogen-Containing Heterocycles. Organic Letters, 2017, 19, 1072-1075.	4.6	29
33	Synthesis of Spiroketals by Synergistic Gold and Scandium Catalysis. Organic Letters, 2017, 19, 2526-2529.	4.6	77
34	Bench-Stable 5-Stannyl Triazoles by a Copper(I)-Catalyzed Interrupted Click Reaction: Bridge to Trifluoromethyltriazoles and Trifluoromethylthiotriazoles. Organic Letters, 2017, 19, 2098-2101.	4.6	62
35	Dual gold and photoredox catalysis: visible light-mediated intermolecular atom transfer thiosulfonylation of alkenes. Chemical Science, 2017, 8, 2610-2615.	7.4	154
36	Divergent Synthesis of 3,3â€Disubstituted Oxindoles Initiated by Palladiumâ€Catalyzed Intramolecular Arylation of Unsaturated Amides. Asian Journal of Organic Chemistry, 2016, 5, 971-975.	2.7	26

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37	Regioselective synthesis of multisubstituted 1,2,3-triazoles: moving beyond the copper-catalyzed azideâ€“alkyne cycloaddition. Chemical Communications, 2016, 52, 14188-14199.	4.1	123
38	Gold/Lewis Acid Catalyzed Cycloisomerization/Diastereoselective [3 + 2] Cycloaddition Cascade: Synthesis of Diverse Nitrogen-Containing Spiro Heterocycles. Organic Letters, 2016, 18, 4614-4617.	4.6	57
39	Cu-Catalyzed Three-Component Coupling of Aryne, Alkyne, and Benzenesulfonothioate: Modular Synthesis of o-Alkynyl Arylsulfides. Organic Letters, 2016, 18, 4154-4157.	4.6	53
40	Copper(I)-Catalyzed Three-Component Click/Alkynylation: One-Pot Synthesis of 5-Alkynyl-1,2,3-triazoles. Organic Letters, 2016, 18, 4158-4161.	4.6	78
41	Breaking aziridines to construct morpholines with a gold(<scp>i</scp>)-catalyzed tandem ring-opening and cycloisomerization reaction. Organic and Biomolecular Chemistry, 2016, 14, 10973-10980.	2.8	26
42	Copper(I)â€Catalyzed Interrupted Click Reaction: Synthesis of Diverse 5â€Heteroâ€Functionalized Triazoles. Angewandte Chemie - International Edition, 2016, 55, 649-653.	13.8	200
43	Zn/Sc bimetallic relay catalysis: one pot cycloisomerization/carbonylâ€“ene reaction toward oxazole derivatives. Organic and Biomolecular Chemistry, 2016, 14, 826-829.	2.8	19
44	Cu/Pd-Catalyzed, Three-Component Click Reaction of Azide, Alkyne, and Aryl Halide: One-Pot Strategy toward Trisubstituted Triazoles. Organic Letters, 2015, 17, 2860-2863.	4.6	79
45	Synthesis of Quinolinones with Palladium-Catalyzed Oxidative Annulation between Acrylamides and Arynes. Journal of Organic Chemistry, 2015, 80, 2835-2841.	3.2	58
46	Design, synthesis and evaluation of XZH-5 analogues as STAT3 inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 1348-1355.	3.0	16
47	In Situ Construction of Three Anion-Dependent Cu(I) Coordination Networks as Promising Heterogeneous Catalysts for Azideâ€“Alkyne â€œClickâ€•Reactions. Inorganic Chemistry, 2015, 54, 4737-4743.	4.0	111
48	Successive Cu/Pd transmetalation relay catalysis in stereoselective synthesis of tetraarylethenes. Organic Chemistry Frontiers, 2015, 2, 1366-1373.	4.5	28
49	An efficient synthesis of gem-diiodoolefins and (E)-iodoalkenes from propargylic amides with a Cu(i)/Cu(iii) cycle. Organic Chemistry Frontiers, 2015, 2, 578-585.	4.5	22
50	Gold carbene chemistry from diazo compounds. Science Bulletin, 2015, 60, 1479-1492.	9.0	105
51	Synthesis of Oxazoles by Tandem Cycloisomerization/Allylic Alkylation of Propargyl Amides with Allylic Alcohols: Zn(OTf)₂ as Ï€ Acid and Ïƒ Acid Catalyst. Journal of Organic Chemistry, 2015, 80, 12718-12724.	3.2	35
52	Recent Advances of Cyclopropene Chemistry. Acta Chimica Sinica, 2015, 73, 1114.	1.4	25
53	Direct Gold-Catalyzed Regioselective Tetrafunctionalization of Nonactivated Alkynes. Synthesis, 2014, 46, 2168-2174.	2.3	7
54	Tandem metal relay catalysis: from cyclopropene to polysubstituted furan. Organic and Biomolecular Chemistry, 2014, 12, 5802-5806.	2.8	37

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55	Synthesis of Spiroaminals and Spiroketals with Bimetallic Relay Catalysis. Organic Letters, 2014, 16, 22-25.	4.6	86
56	Recent Advances of the Combination of Au/Acid Catalysis. Chinese Journal of Chemistry, 2014, 32, 937-956.	4.9	46
57	Strain-Promoted Oxidative Annulation of Arynes and Cyclooctynes with Benzamides: Palladium-Catalyzed Câ€“H/Nâ€“H Activation for the Synthesis of N-Heterocycles. Organic Letters, 2014, 16, 5354-5357.	4.6	96
58	Synthesis of spiroaminals by bimetallic Au/Sc relay catalysis: TMS as a traceless controlling group. Chemical Communications, 2014, 50, 12084-12087.	4.1	47
59	Dimerization of cyclopropenes to bifurans using tandem metal relay catalysis. Chemical Communications, 2013, 49, 9167.	4.1	27
60	Modular synthesis of all-substituted furans through oxidative carbonylation of cyclopropenes with tandem metal relay catalysis. Organic and Biomolecular Chemistry, 2013, 11, 6258.	2.8	25
61	Arylamineâ€Catalyzed Enamine Formation: Cooperative Catalysis with Arylamines and Acids. Angewandte Chemie - International Edition, 2013, 52, 3663-3667.	13.8	79
62	Synthesis of Fused Bicyclic Aminals through Sequential Gold/Lewis Acid Catalysis. Organic Letters, 2013, 15, 2234-2237.	4.6	67
63	From Cyclopropenes to Tetrasubstituted Furans: Tandem Isomerization/Alkenylation Sequence with Cu/Pd Relay Catalysis. Chemistry - A European Journal, 2013, 19, 3584-3589.	3.3	45
64	Asymmetric Inverseâ€Electronâ€Demand Heteroâ€Dielsâ€“Alder Reaction of Sixâ€membered Cyclic Ketones: An Enamine/Metal Lewis Acid Bifunctional Approach. Angewandte Chemie - International Edition, 2011, 50, 3484-3488.	13.8	110
65	A Threeâ€Component Reaction Based on a Remoteâ€Groupâ€Directed Dynamic Kinetic Azaâ€Michael Addition: Stereoselective Synthesis of Imidazolidinâ€4â€ones. Chemistry - A European Journal, 2010, 16, 2972-2976.	3.3	22
66	Enamineâ€“Metal Lewis Acid Bifunctional Catalysis: Application to Direct Asymmetric Aldol Reaction of Ketones. European Journal of Organic Chemistry, 2009, 2009, 4581-4585.	2.4	53
67	Primary amine-metal Lewis acid bifunctional catalysts: the application to asymmetric direct aldol reactions. Chemical Communications, 2009, , 6825.	4.1	37