Cheng G Zhang

List of Publications by Year
in descending order

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30 papers	1,207 citations	361413 20 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	1074 citing authors

#	Article	IF	Citations
1	Highly Diastereo- and Enantioselective Cu-Catalyzed [3 + 3] Cycloaddition of Propargyl Esters with Cyclic Enamines toward Chiral Bicyclo[n.3.1] Frameworks. Journal of the American Chemical Society, 2012, 134, 9585-9588.	13.7	154
2	Enantioselective Synthesis of Chiral Medium-Sized Cyclic Compounds via Tandem Cycloaddition/Cope Rearrangement Strategy. ACS Catalysis, 2019, 9, 1645-1654.	11.2	110
3	Lewis-Base-Catalyzed Asymmetric [3 + 3] Annulation Reaction of Moritaâ€“Baylisâ€“Hillman Carbonates: Enantioselective Synthesis of Spirocyclohexenes. ACS Catalysis, 2017, 7, 3142-3146.	11.2	104
4	Formal [5+3] Cycloaddition of Zwitterionic Allylpalladium Intermediates with Azomethine Imines for Construction of N,Oâ€Containing Eightâ€Membered Heterocycles. Advanced Synthesis and Catalysis, 2018, 360, 652-658.	4.3	95
5	Silver-Catalyzed Direct Thiolation of Quinones by Activation of Aryl Disulfides to Synthesize Quinonyl Aryl Thioethers. Journal of Organic Chemistry, 2015, 80, 4919-4927.	3.2	69
6	Development of Allosteric Hydrazide-Containing Class I Histone Deacetylase Inhibitors for Use in Acute Myeloid Leukemia. Journal of Medicinal Chemistry, 2016, 59, 9942-9959.	6.4	67
7	Asymmetric [3 + 3] Annulation of Copperâ€“Allenylidenes with Pyrazolones: Synthesis of Chiral 1,4-Dihydropyrano[2,3-c]pyrazoles. Organic Letters, 2018, 20, 5278-5281.	4.6	57
8	Phosphine-Catalyzed Enantioselective [2+4] Cycloaddition to Synthesize Pyrrolidin-2-one Fused Dihydropyrans Using Î±-Substituted Allenoates as C₂ Synthons. Journal of Organic Chemistry, 2017, 82, 633-641.	3.2	54
9	Phosphine-Catalyzed [4 + 2] Annulation of Allenoate with Sulfamate-Derived Cyclic Imines: A Reaction Mode Involving Î³â€²-Carbon of Î±-Substituted Allenoate. Organic Letters, 2017, 19, 6340-6343.	4.6	53
10	Enantioselective Synthesis of Quinazolineâ€Based Heterocycles through Phosphineâ€Catalyzed Asymmetric [3+3] Annulation of Moritaâ^Baylisâ^Hillman Carbonates with Azomethine Imines. Advanced Synthesis and Catalysis, 2017, 359, 2316-2321.	4.3	49
11	Phosphine-catalyzed [3 + 2] and [4 + 2] annulation reactions of ynones with barbiturate-derived alkenes. Organic and Biomolecular Chemistry, 2017, 15, 5298-5307.	2.8	49
12	Phosphine-catalyzed [5+1] annulation of Î´-sulfonamido-substituted enones withN-sulfonylimines: a facile synthesis of tetrahydropyridines. Chemical Science, 2018, 9, 1831-1835.	7.4	49
13	Comparison of the Deacylase and Deacetylase Activity of Zinc-Dependent HDACs. ACS Chemical Biology, 2017, 12, 1644-1655.	3.4	43
14	Enantioselective Copperâ€Catalyzed Threeâ€Component Carboboronation of Allenes: Access to Functionalized Dibenzo [b,f][1,4]oxazepine Derivatives. Advanced Synthesis and Catalysis, 2019, 361, 3582-3587.	4.3	29
15	Silver-Catalyzed Three-Component Difunctionalization of Alkenes via Radical Pathways: Access to CF₃-Functionalized Alkyl-Substituted 1,4-Naphthoquinone Derivatives. Journal of Organic Chemistry, 2019, 84, 1006-1014.	3.2	26
16	Phosphine-Catalyzed [3+2] Annulation of Î²-Sulfonamido-Substituted Enones with Sulfamate-Derived Cyclic Imines. Journal of Organic Chemistry, 2019, 84, 679-686.	3.2	25
17	Phosphine-Catalyzed [3 + 2] Annulation of 2-Hydroxy-1,4-naphthaquinones and Allenoate: An Alleneâ€“Alkene [3 + 2] Annulation Mechanism Involving Consecutive Î³-Additionâ€“Aldol Reaction. Organic Letters, 2018, 20, 6591-6595.	4.6	24
18	Nickel(II)-Catalyzed [8 + 3]-Cycloaddition of 2-Aryl-N-tosylaziridines with Tropone. Organic Letters, 2018, 20, 3570-3573.	4.6	24

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19	Metal-Free Direct Amidation of Naphthoquinones Using Hydroxamic Acids as an Amide Source: Application in the Synthesis of an HDAC6 Inhibitor. Organic Letters, 2016, 18, 5512-5515.	4.6	21
20	Highly diastereo-/enantioselective Cu-catalyzed propargylic alkylations of propargyl acetates with cyclic enamines. RSC Advances, 2016, 6, 14763-14767.	3.6	21
21	Base-Catalyzed Sequential 1,4-Addition/Intramolecular Cyclization/Aromatization Reaction: Synthesis of Benzofuro[3,2-b]pyridines. Organic Letters, 2021, 23, 6780-6783.	4.6	17
22	Copper-Catalyzed Three-Component Difunctionalization of Aromatic Alkenes with 2-Amino-1,4-naphthoquinones and Î±-Bromocarboxylates. Journal of Organic Chemistry, 2019, 84, 10649-10657.	3.2	12
23	Palladiumâ€Catalyzed Asymmetric [3+2] Cycloaddition of Vinylethylene Carbonates with 2â€Arylideneâ€1,3â€Indandiones: Synthesis of Tetrahydrofuranâ€Fused Spirocyclic 1,3â€Indandiones. European Journal of Organic Chemistry, 2020, 2020, 4801-4804.	2.4	11
24	Double [3 + 2] cycloaddition of nitrile oxides with allenoates: Synthesis of spirobidihydroisoxazoles. Chinese Chemical Letters, 2019, 30, 363-366.	9.0	9
25	Phosphine-promoted [4 + 3] annulation of allenoate with aziridines for synthesis of tetrahydroazepines: phosphine-dependent [3 + 3] and [4 + 3] pathways. RSC Advances, 2019, 9, 1214-1221.	3.6	9
26	Copper-Catalyzed Three-Component Carboboronation of Allenes Using Highly Strained Cyclic Ketimines as Electrophiles. Organic Letters, 2021, 23, 4431-4435.	4.6	8
27	Lewis base-catalyzed diastereoselective [3 + 2] cycloaddition reaction of nitrones with electron-deficient alkenes: an access to isoxazolidine derivatives. RSC Advances, 2017, 7, 29515-29519.	3.6	6
28	Pd-catalyzed [3 + 2] cycloaddition of vinylcyclopropanes with 1-azadienes: synthesis of 4-cyclopentylbenzo[e][1,2,3]oxathiazine 2,2-dioxides. RSC Advances, 2018, 8, 40798-40803.	3.6	5
29	Organocatalytic Enantioselective [3+2] Cycloaddition of Azomethine Ylides with 2,4â€Dienals: Construction of Remote Stereogenic Centers via 1,6â€Addition Reaction. Advanced Synthesis and Catalysis, 2020, 362, 5716-5720.	4.3	4
30	Cu-Catalysed synthesis of benzo[f]indole-2,4,9(3H)-triones by the reaction of 2-amino-1,4-napthoquinones with Î±-bromocarboxylates. Organic and Biomolecular Chemistry, 2020, 18, 6724-6731.	2.8	3