Chang Wang

List of Publications by Year
in descending order

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18	695	516710 16	839539 18
papers	citations	h-index	g-index

18	18	18	505
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Phosphine-Catalyzed [2 + 4] Annulation of Allenoates with Thiazolone-Derived Alkenes: Synthesis of Functionalized 6,7-Dihydro-5H-pyrano[2,3-d]thiazoles. Organic Letters, 2016, 18, 3418-3421.	4.6	71
3	Enantioselective Construction of Tetrahydroquinazoline Motifs via Palladium-Catalyzed [4 + 2] Cycloaddition of Vinyl Benzoxazinones with Sulfamate-Derived Cyclic Imines. Organic Letters, 2018, 20, 2880-2883.	4.6	70
4	Palladium-Catalyzed [5 + 2] Cycloaddition of Vinyloxiranes with Sulfamate-Derived Cyclic Imines To Construct 1,3-Oxazepine Heterocycles. Organic Letters, 2017, 19, 6268-6271.	4.6	58
5	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
6	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
7	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
8	Phosphine-Catalyzed [8 + 2]-Annulation of Heptafulvenes with Allenoates and Its Asymmetric Variant: Construction of Bicyclo[5.3.0]decane Scaffold. Organic Letters, 2018, 20, 4302-4305.	4.6	36
9	Multifunctional chiral phosphine-catalyzed [3+2] annulation of Moritaâ€“Baylisâ€“Hillman carbonates with cyclopentenones: asymmetric synthesis of 4-oxo-hexahydropentalenes. Chemical Communications, 2018, 54, 279-282.	4.1	30
10	Direct Activation of Unmodified Moritaâ€“Baylisâ€“Hillman Alcohols through Phosphine Catalysis for Rapid Construction of Three-Dimensional Heterocyclic Compounds. Organic Letters, 2019, 21, 4882-4886.	4.6	28
11	Phosphine-Catalyzed Asymmetric Cycloaddition Reaction of Diazenes: Enantioselective Synthesis of Chiral Dihydropyrazoles. Organic Letters, 2019, 21, 7519-7523.	4.6	25
12	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
13	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
14	Nickel(II)-Catalyzed [8 + 3]-Cycloaddition of 2-Aryl-N-tosylaziridines with Tropone. Organic Letters, 2018, 20, 3570-3573.	4.6	24
15	A chiral squaramide-catalyzed asymmetric dearomative tandem annulation reaction through a kinetic resolution of MBH alcohols: highly enantioselective synthesis of three-dimensional heterocyclic compounds. Chemical Communications, 2019, 55, 10464-10467.	4.1	24
16	Phosphine-Catalyzed Cascade Annulation of MBH Carbonates and Diazenes: Synthesis of Hexahydrocyclopenta[c]pyrazole Derivatives. Organic Letters, 2021, 23, 5571-5575.	4.6	18
17	Phosphine-catalyzed asymmetric [3 + 2] annulation of chalcones with allenoates for enantioselective synthesis of functionalized cyclopentenes. RSC Advances, 2015, 5, 105359-105362.	3.6	10
18	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