

Chang Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phosphine-Catalyzed Cascade Annulation of MBH Carbonates and Diazenes: Synthesis of Hexahydrocyclopenta[<i>c</i>]pyrazole Derivatives. <i>Organic Letters</i> , 2021, 23, 5571-5575.	4.6	18
2	A chiral squaramide-catalyzed asymmetric dearomative tandem annulation reaction through a kinetic resolution of MBH alcohols: highly enantioselective synthesis of three-dimensional heterocyclic compounds. <i>Chemical Communications</i> , 2019, 55, 10464-10467.	4.1	24
3	Phosphine-Catalyzed Asymmetric Cycloaddition Reaction of Diazenes: Enantioselective Synthesis of Chiral Dihydropyrazoles. <i>Organic Letters</i> , 2019, 21, 7519-7523.	4.6	25
4	Direct Activation of Unmodified Morita-Baylis-Hillman Alcohols through Phosphine Catalysis for Rapid Construction of Three-Dimensional Heterocyclic Compounds. <i>Organic Letters</i> , 2019, 21, 4882-4886.	4.6	28
5	Phosphine-Catalyzed [3+2] Annulation of β -Sulfonamido-Substituted Enones with Sulfamate-Derived Cyclic Imines. <i>Journal of Organic Chemistry</i> , 2019, 84, 679-686.	3.2	25
6	Phosphine-catalyzed [5+1] annulation of β -sulfonamido-substituted enones with <i>N</i> -sulfonylimines: a facile synthesis of tetrahydropyridines. <i>Chemical Science</i> , 2018, 9, 1831-1835.	7.4	49
7	Multifunctional chiral phosphine-catalyzed [3+2] annulation of Morita-Baylis-Hillman carbonates with cyclopentenones: asymmetric synthesis of 4-oxo-hexahydropentalenes. <i>Chemical Communications</i> , 2018, 54, 279-282.	4.1	30
8	Pd-catalyzed [3 + 2] cycloaddition of vinylcyclopropanes with 1-azadienes: synthesis of 4-cyclopentylbenzo[1,2,3]oxathiazine 2,2-dioxides. <i>RSC Advances</i> , 2018, 8, 40798-40803.	3.6	5
9	Phosphine-Catalyzed [3 + 2] Annulation of 2-Hydroxy-1,4-naphthaquinones and Allenolate: An Allenolate-Alkene [3 + 2] Annulation Mechanism Involving Consecutive β -Addition-Aldol Reaction. <i>Organic Letters</i> , 2018, 20, 6591-6595.	4.6	24
10	Nickel(II)-Catalyzed [8 + 3]-Cycloaddition of 2-Aryl- <i>N</i> -tosylaziridines with Tropone. <i>Organic Letters</i> , 2018, 20, 3570-3573.	4.6	24
11	Phosphine-Catalyzed [8 + 2]-Annulation of Heptafulvenes with Allenolates and Its Asymmetric Variant: Construction of Bicyclo[5.3.0]decane Scaffold. <i>Organic Letters</i> , 2018, 20, 4302-4305.	4.6	36
12	Formal [5+3] Cycloaddition of Zwitterionic Allylpalladium Intermediates with Azomethine Imines for Construction of <i>N,O</i> -Containing Eight-Membered Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 652-658.	4.3	95
13	Enantioselective Construction of Tetrahydroquinazoline Motifs via Palladium-Catalyzed [4 + 2] Cycloaddition of Vinyl Benzoxazinones with Sulfamate-Derived Cyclic Imines. <i>Organic Letters</i> , 2018, 20, 2880-2883.	4.6	70
14	Enantioselective Synthesis of Quinazoline-Based Heterocycles through Phosphine-Catalyzed Asymmetric [3+3] Annulation of Morita-Baylis-Hillman Carbonates with Azomethine Imines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2316-2321.	4.3	49
15	Phosphine-Catalyzed Enantioselective [2+4] Cycloaddition to Synthesize Pyrrolidin-2-one Fused Dihydropyrans Using β -Substituted Allenolates as $C_{2\text{ synthon}}$. <i>Journal of Organic Chemistry</i> , 2017, 82, 633-641.	3.2	54
16	Palladium-Catalyzed [5 + 2] Cycloaddition of Vinyloxiranes with Sulfamate-Derived Cyclic Imines To Construct 1,3-Oxazepine Heterocycles. <i>Organic Letters</i> , 2017, 19, 6268-6271.	4.6	58
17	Phosphine-Catalyzed [2 + 4] Annulation of Allenolates with Thiazolone-Derived Alkenes: Synthesis of Functionalized 6,7-Dihydro-5 <i>H</i> -pyrano[2,3- <i>d</i>]thiazoles. <i>Organic Letters</i> , 2016, 18, 3418-3421.	4.6	71
18	Phosphine-catalyzed asymmetric [3 + 2] annulation of chalcones with allenolates for enantioselective synthesis of functionalized cyclopentenones. <i>RSC Advances</i> , 2015, 5, 105359-105362.	3.6	10