

Leijie Zhou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phosphine-Catalyzed (4 + 2) Annulation of $\hat{\gamma}$ -Sulfonamido-Substituted Enones with 1,1-Dicyanoalkenes: Synthesis of Piperidine Derivatives. <i>Organic Letters</i> , 2021, 23, 7703-7707.	4.6	16
2	Phosphine-Catalyzed Asymmetric Tandem Isomerization/Annulation of Allyl Amines with Allenates: Enantioselective Annulation of a Saturated C=C-N Bond. <i>Organic Letters</i> , 2021, 23, 9173-9178.	4.6	14
3	Organocatalytic Enantioselective [3+2] Cycloaddition of Azomethine Ylides with 2,4-Dienals: Construction of Remote Stereogenic Centers via 1,6-Addition Reaction. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5716-5720.	4.3	4
4	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
5	Phosphine-Catalyzed Asymmetric Cycloaddition Reaction of Diazenes: Enantioselective Synthesis of Chiral Dihydropyrazoles. <i>Organic Letters</i> , 2019, 21, 7519-7523.	4.6	25
6	Phosphine-promoted [4 + 3] annulation of allenates with aziridines for synthesis of tetrahydrozepines: phosphine-dependent [3 + 3] and [4 + 3] pathways. <i>RSC Advances</i> , 2019, 9, 1214-1221.	3.6	9
7	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
8	Phosphine-Catalyzed [3+2] Annulation of $\hat{\gamma}$ -Sulfonamido-Substituted Enones with Sulfamate-Derived Cyclic Imines. <i>Journal of Organic Chemistry</i> , 2019, 84, 679-686.	3.2	25
9	Enantioselective Synthesis of Chiral Medium-Sized Cyclic Compounds via Tandem Cycloaddition/Cope Rearrangement Strategy. <i>ACS Catalysis</i> , 2019, 9, 1645-1654.	11.2	110
10	Phosphine-catalyzed [5+1] annulation of $\hat{\gamma}$ -sulfonamido-substituted enones with <i>N</i> -sulfonylimines: a facile synthesis of tetrahydropyridines. <i>Chemical Science</i> , 2018, 9, 1831-1835.	7.4	49
11	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
12	Phosphine-Catalyzed [3 + 2] Annulation of 2-Hydroxy-1,4-naphthaquinones and Allenates: An Allene-Alkene [3 + 2] Annulation Mechanism Involving Consecutive $\hat{\beta}$ -Addition-Aldol Reaction. <i>Organic Letters</i> , 2018, 20, 6591-6595.	4.6	24
13	Diastereodivergent Synthesis of Pyrazoline Derivatives through [3+2] Cycloaddition of Baylis-Hillman Adducts and Nitrilimines. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2781-2791.	2.6	3
14	Phosphine-Catalyzed [8 + 2]-Annulation of Heptafulvenes with Allenates and Its Asymmetric Variant: Construction of Bicyclo[5.3.0]decane Scaffold. <i>Organic Letters</i> , 2018, 20, 4302-4305.	4.6	36
15	Formal [5+3] Cycloaddition of Zwitterionic Allylpalladium Intermediates with Azomethine Imines for Construction of N,O-Containing Eight-Membered Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 652-658.	4.3	95
16	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
17	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
18	Phosphine-Catalyzed Enantioselective [2+4] Cycloaddition to Synthesize Pyrrolidin-2-one Fused Dihydropyrans Using $\hat{\beta}$ -Substituted Allenates as $C_{2\text{synthons}}$. <i>Journal of Organic Chemistry</i> , 2017, 82, 633-641.	3.2	54

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19	Phosphine-Catalyzed Diastereoselective [3+3] Annulation of Morita-Baylis-Hillman Carbonates with Cyclic Azomethine Imines. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3377-3388.	2.6	9
20	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
21	Phosphine-Catalyzed [2 + 4] Annulation of Allenates with Thiazolone-Derived Alkenes: Synthesis of Functionalized 6,7-Dihydro-5H-pyrano[2,3-d]thiazoles. <i>Organic Letters</i> , 2016, 18, 3418-3421.	4.6	71
22	Phosphine-catalyzed [3 + 2] cycloaddition of phthalazinium dicyanomethanides with allenates: highly efficient synthesis of 1,2,3,10b-tetrahydropyrrolo[2,1-a]phthalazine derivatives. <i>RSC Advances</i> , 2016, 6, 77931-77936.	3.6	13
23	Chiral Phosphine-Catalyzed Enantioselective [3+2] Annulation of Morita-Baylis-Hillman Carbonates with Cyclic Azadienes: Synthesis of Functionalized Cyclopentenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3517-3521.	4.3	36
24	Phosphine-Catalyzed Enantioselective [4 + 3] Annulation of Allenates with C,N-Cyclic Azomethine Imines: Synthesis of Quinazoline-Based Tricyclic Heterocycles. <i>Organic Letters</i> , 2016, 18, 5644-5647.	4.6	80
25	Phosphane-Catalyzed [3+3] Annulation of C,N-Cyclic Azomethine Imines with Ynones: A Practical Method for Tricyclic Dinitrogen-Fused Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1880-1885.	4.3	46
26	Phosphine-catalyzed asymmetric [3 + 2] annulation of chalcones with allenates for enantioselective synthesis of functionalized cyclopentenes. <i>RSC Advances</i> , 2015, 5, 105359-105362.	3.6	10
27	Phosphine-catalyzed [4+1] annulation of 2-tosylaminochalcones with allenates: synthesis of trans-2,3-disubstituted indolines. <i>Chemical Communications</i> , 2015, 51, 12653-12656.	4.1	48
28	Phosphine-catalyzed [4 + 2] cycloaddition of unsaturated pyrazolones with allenates: a concise approach toward spiropyrazolones. <i>RSC Advances</i> , 2015, 5, 62343-62347.	3.6	51