Leijie Zhou

List of Publications by Year
in descending order

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28 papers	1,087 citations	361413 20 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	665 citing authors

#	Article	IF	Citations
1	Enantioselective Synthesis of Chiral Medium-Sized Cyclic Compounds via Tandem Cycloaddition/Cope Rearrangement Strategy. ACS Catalysis, 2019, 9, 1645-1654.	11.2	110
2	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
3	Phosphine-Catalyzed Enantioselective [4 + 3] Annulation of Allenoates with C,N-Cyclic Azomethine Imines: Synthesis of Quinazoline-Based Tricyclic Heterocycles. Organic Letters, 2016, 18, 5644-5647.	4.6	80
4	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
5	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
6	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
7	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
8	Phosphine-catalyzed [4 + 2] cycloaddition of unsaturated pyrazolones with allenoates: a concise approach toward spiropyrazolones. RSC Advances, 2015, 5, 62343-62347.	3.6	51
9	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
10	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
11	Phosphine-catalyzed [4+1] annulation of 2-tosylaminochalcones with allenoates: synthesis of trans-2,3-disubstitued indolines. Chemical Communications, 2015, 51, 12653-12656.	4.1	48
12	Phosphaneâ€Catalyzed [3+3] Annulation of C,Nâ€Cyclic Azomethine Imines with Ynones: A Practical Method for Tricyclic Dinitrogenâ€Fused Heterocycles. Advanced Synthesis and Catalysis, 2016, 358, 1880-1885.	4.3	46
13	Chiral Phosphineâ€Catalyzed Enantioselective [3+2] Annulation of Moritaâ€"Baylisâ€"Hillman Carbonates with Cyclic 1â€Azadienes: Synthesis of Functionalized Cyclopentenes. Advanced Synthesis and Catalysis, 2016, 358, 3517-3521.	4.3	36
14	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
15	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
16	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
17	Phosphine-Catalyzed Asymmetric Cycloaddition Reaction of Diazenes: Enantioselective Synthesis of Chiral Dihydropyrazoles. Organic Letters, 2019, 21, 7519-7523.	4.6	25
18	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

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19	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
20	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
21	Phosphine-Catalyzed (4 + 2) Annulation of Î´-Sulfonamido-Substituted Enones with 1,1-Dicyanoalkenes: Synthesis of Piperidine Derivatives. Organic Letters, 2021, 23, 7703-7707.	4.6	16
22	Phosphine-Catalyzed Asymmetric Tandem Isomerization/Annulation of Allyl Amines with Allenoates: Enantioselective Annulation of a Saturated Câ€“N Bond. Organic Letters, 2021, 23, 9173-9178.	4.6	14
23	Phosphine-catalyzed [3 + 2] cycloaddition of phthalazinium dicyanomethanides with allenoates: highly efficient synthesis of 1,2,3,10b-tetrahydropyrrolo[2,1-a]phthalazine derivatives. RSC Advances, 2016, 6, 77931-77936.	3.6	13
24	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
25	Phosphineâ€Catalyzed Diastereoselective [3Â+Â3] Annulation of Moritaâ€“Baylisâ€“Hillman Carbonates with C,Nâ€Cyclic Azomethine Imines. Journal of Heterocyclic Chemistry, 2017, 54, 3377-3388.	2.6	9
26	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
27	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
28	Diastereodivergent Synthesis of Pyrazoline Derivatives through [3Â+Â2] Cycloaddition of Baylisâ€“Hillman Adducts and Nitrilimines. Journal of Heterocyclic Chemistry, 2018, 55, 2781-2791.	2.6	3