

Honglei Liu

List of Publications by Year in descending order

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papers

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361413

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#	ARTICLE	IF	CITATIONS
1	Specific sensing of resorcin based on the hierarchical porous nanopores constructed by cuttlefish-derived biomaterials through differential pulse voltammetry. <i>Analytica Chimica Acta</i> , 2021, 1188, 339203.	5.4	3
2	Phosphine-catalyzed [3 + 2] annulation of $\hat{\text{I}}^2$ -sulfonamido-substituted enones with <i>trans</i> - $\hat{\text{I}}^{\pm}$ -cyano- $\hat{\text{I}}^{\pm}$, $\hat{\text{I}}^2$ -unsaturated ketones for the synthesis of highly substituted pyrrolidines. <i>RSC Advances</i> , 2021, 11, 40136-40139.	3.6	5
3	Synthesis of heterocyclic compounds through nucleophilic phosphine catalysis. <i>Chemical Communications</i> , 2020, 56, 15235-15281.	4.1	80
4	Phosphine-promoted [4 + 3] annulation of allenolate with aziridines for synthesis of tetrahydroazepines: phosphine-dependent [3 + 3] and [4 + 3] pathways. <i>RSC Advances</i> , 2019, 9, 1214-1221.	3.6	9
5	Phosphine-catalyzed [5+1] annulation of $\hat{\text{I}}^2$ -sulfonamido-substituted enones with <i>N</i> -sulfonylimines: a facile synthesis of tetrahydropyridines. <i>Chemical Science</i> , 2018, 9, 1831-1835.	7.4	49
6	A [4 + 3] Annulation Reaction of aza- <i>o</i> -Quinone Methides with Arylcarbohydrazonoyl Chlorides for Synthesis of 2,3-Dihydro-1 <i>H</i> -benzo[<i>e</i>][1,2,4]triazepines. <i>Organic Letters</i> , 2018, 20, 2939-2943.	4.6	49
7	Phosphine-Catalyzed [3 + 2] Annulation of 2-Hydroxy-1,4-naphthaquinones and Allenolate: An Allene-Alkene [3 + 2] Annulation Mechanism Involving Consecutive $\hat{\text{I}}^3$ -Addition-Aldol Reaction. <i>Organic Letters</i> , 2018, 20, 6591-6595.	4.6	24
8	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
9	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
10	Synthesis of Spirobidihydropyrazole through Double 1,3-Dipolar Cycloaddition of Nitrilimines with Allenolates. <i>Organic Letters</i> , 2017, 19, 4714-4717.	4.6	63
11	Phosphine-Catalyzed Diastereoselective [3+3] Annulation of Morita-Baylis-Hillman Carbonates with <i>C</i> , <i>N</i> -Cyclic Azomethine Imines. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3377-3388.	2.6	9
12	Tandem [3 + 2] Cycloaddition/1,4-Addition Reaction of Azomethine Ylides and Aza- <i>o</i> -quinone Methides for Asymmetric Synthesis of Imidazolidines. <i>Organic Letters</i> , 2017, 19, 5236-5239.	4.6	38
13	Phosphine-Catalyzed [4 + 2] Annulation of Allenolate with Sulfamate-Derived Cyclic Imines: A Reaction Mode Involving $\hat{\text{I}}^3$ -Carbon of $\hat{\text{I}}^{\pm}$ -Substituted Allenolate. <i>Organic Letters</i> , 2017, 19, 6340-6343.	4.6	53
14	Lewis base-catalyzed diastereoselective [3 + 2] cycloaddition reaction of nitrones with electron-deficient alkenes: an access to isoxazolidine derivatives. <i>RSC Advances</i> , 2017, 7, 29515-29519.	3.6	6
15	Enantioselective Synthesis of Spirobarbiturate-Cyclohexenes through Phosphine-Catalyzed Asymmetric [4 + 2] Annulation of Barbiturate-Derived Alkenes with Allenolates. <i>Organic Letters</i> , 2016, 18, 1302-1305.	4.6	91
16	Asymmetric Construction of Highly Functionalized Spirobarbiturate-Cyclopentenes through Chiral Phosphine-Catalyzed [3+2] Annulation of Morita-Baylis-Hillman Carbonates with Barbiturate-Derived Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2867-2872.	4.3	48
17	Ag-catalyzed diastereoselective [6 + 3] cycloaddition of tropone with homoserine lactone-derived azomethine ylides: synthesis of tricyclic spiroperidines. <i>RSC Advances</i> , 2016, 6, 73547-73550.	3.6	21
18	Chiral Phosphine-Catalyzed Enantioselective [3+2] Annulation of Morita-Baylis-Hillman Carbonates with Cyclic $\hat{\text{I}}^{\pm}$ -Azadienes: Synthesis of Functionalized Cyclopentenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3517-3521.	4.3	36

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19	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
20	Phosphine-Catalyzed Highly Enantioselective [3 + 3] Cycloaddition of Morita-Baylis-Hillman Carbonates with C,N-Cyclic Azomethine Imines. <i>Journal of the American Chemical Society</i> , 2015, 137, 4316-4319.	13.7	167
21	Brønsted acid-promoted [3 + 3] cycloaddition of azomethine ylides with quinone monoimine: a practical method towards dihydrobenzoxazine derivatives. <i>RSC Advances</i> , 2015, 5, 84290-84294.	3.6	13
22	Sc(OTf) ₃ -Catalyzed [3 + 3] Cycloaddition of Cyclopropane 1,1-Diesters with Phthalazinium Dicyanomethanides. <i>Organic Letters</i> , 2015, 17, 4220-4223.	4.6	48
23	Metal-Catalyzed [6 + 3] Cycloaddition of Tropone with Azomethine Ylides: A Practical Access to Piperidine-Fused Bicyclic Heterocycles. <i>Journal of the American Chemical Society</i> , 2014, 136, 2625-2629.	13.7	110
24	Thermal [3+2] Cycloaddition of Aromatic Azomethine Imines with Allenates. <i>Synthesis</i> , 2012, 45, 53-64.	2.3	5
25	Samarium Diodide Mediated Highly Diastereoselective Conjugate Reduction of the $\hat{1},\hat{1}^2$ -Unsaturated Ester Moiety in Heterocyclic Compounds. <i>Synthesis</i> , 2012, 44, 3633-3638.	2.3	1
26	Phosphine-catalyzed [3 + 2] and [3 + 3] Annulations of Azomethine Imines with Ethyl 2-Butynoate. <i>Chemistry Letters</i> , 2012, 41, 218-220.	1.3	41
27	Phosphine-Catalyzed [3+2] and [4+3] Annulation Reactions of C,N-Cyclic Azomethine Imines with Allenates. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1023-1034.	4.3	110