

Pengfei Hu

List of Publications by Year in descending order

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11
papers

586
citations

933447

10
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphine-Catalyzed Addition/Cycloaddition Domino Reactions of $\hat{\Gamma}^2$ -Acetoxy Allenolate: Highly Stereoselective Access to 2-Oxabicyclo[3.3.1]nonane and Cyclopenta[a]pyrrolizine. <i>Journal of the American Chemical Society</i> , 2015, 137, 6400-6406.	13.7	120
2	Quaternary-centre-guided synthesis of complex polycyclic terpenes. <i>Nature</i> , 2019, 569, 703-707.	27.8	91
3	Electroreductive Olefin-Ketone Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 20979-20986.	13.7	86
4	Tertiary Amine-Catalyzed (4 + 2) Annulations of $\hat{\Gamma}$ -Acetoxy Allenolates: Synthesis of Multisubstituted 4 <i>H</i> -Pyran and 4 <i>H</i> -Chromene. <i>Organic Letters</i> , 2015, 17, 1106-1109.	4.6	63
5	Enantiospecific Total Synthesis of the Highly Strained ($\hat{\Gamma}$)-Presilphiperfolan-8-ol via a Pd-Catalyzed Tandem Cyclization. <i>Journal of the American Chemical Society</i> , 2017, 139, 5007-5010.	13.7	62
6	<i>N</i> -Ammonium Ylide Mediators for Electrochemical C-H Oxidation. <i>Journal of the American Chemical Society</i> , 2021, 143, 7859-7867.	13.7	62
7	Amine-Promoted Asymmetric (4+2) Annulations for the Enantioselective Synthesis of Tetrahydropyridines: A Traceless and Recoverable Auxiliary Strategy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5319-5322.	13.8	48
8	Lewis base-catalyzed divergent isomerizations of 5-hydroxyl-2,3-dienoate. <i>Tetrahedron Letters</i> , 2014, 55, 1682-1685.	1.4	18
9	Development and Elucidation of a Pd-Based Cyclization-Oxygenation Sequence for Natural Product Synthesis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2674-2678.	13.8	15
10	Total syntheses of spiroviolene and spirograterpene A: a structural reassignment with biosynthetic implications. <i>Chemical Science</i> , 2020, 11, 10939-10944.	7.4	14
11	Development and Elucidation of a Pd-Based Cyclization-Oxygenation Sequence for Natural Product Synthesis. <i>Angewandte Chemie</i> , 2020, 132, 2696-2700.	2.0	7