

Hengbin Wang

List of Publications by Year in descending order

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15
papers

1,185
citations

687363

13
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

1361
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Defluoroalkylation of Trifluoromethylaromatics with Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 163-166.	13.7	200
2	Selective C–F Functionalization of Unactivated Trifluoromethylarenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 13203-13211.	13.7	171
3	Mechanistic Basis for Regioselection and Regiodivergence in Nickel-Catalyzed Reductive Couplings. <i>Accounts of Chemical Research</i> , 2015, 48, 1736-1745.	15.6	144
4	Sequential C–H Functionalization Reactions for the Enantioselective Synthesis of Highly Functionalized 2,3-Dihydrobenzofurans. <i>Journal of the American Chemical Society</i> , 2013, 135, 6774-6777.	13.7	142
5	Rhodium-catalyzed enantioselective cyclopropanation of electron-deficient alkenes. <i>Chemical Science</i> , 2013, 4, 2844.	7.4	116
6	Enantioselective Synthesis of (S)-Maoecrystal V by Enantiodetermining C–H Functionalization. <i>Journal of the American Chemical Society</i> , 2014, 136, 17738-17749.	13.7	101
7	NHC Ligands Tailored for Simultaneous Regio- and Enantiocontrol in Nickel-Catalyzed Reductive Couplings. <i>Journal of the American Chemical Society</i> , 2017, 139, 9317-9324.	13.7	71
8	A mild catalytic system for radical conjugate addition of nitrogen heterocycles. <i>Chemical Science</i> , 2017, 8, 3121-3125.	7.4	68
9	Role of <i>ortho</i> -Substituents on Rhodium-Catalyzed Asymmetric Synthesis of β -Lactones by Intramolecular C–H Insertions of Aryldiazoacetates. <i>Organic Letters</i> , 2014, 16, 3036-3039.	4.6	47
10	Sequential Rhodium-, Silver-, and Gold-Catalyzed Synthesis of Fused Dihydrofurans. <i>Organic Letters</i> , 2011, 13, 4316-4319.	4.6	36
11	Exo-Selective Reductive Macrocyclization of Ynals. <i>Organic Letters</i> , 2015, 17, 1493-1496.	4.6	27
12	Synthesis of Diverse 11- and 12-Membered Macrolactones from a Common Linear Substrate Using a Single Biocatalyst. <i>ACS Central Science</i> , 2017, 3, 1304-1310.	11.3	21
13	Interactions of Lycopodium alkaloids with acetylcholinesterase investigated by ^1H NMR relaxation rate. <i>Biophysical Chemistry</i> , 2007, 129, 212-217.	2.8	19
14	Lycopodium Alkaloids from <i>Huperzia serrata</i> . <i>Helvetica Chimica Acta</i> , 2007, 90, 153-157.	1.6	11
15	Phenolic and Triterpenoid Glycosides from <i>Pyrola calliantha</i> . <i>Helvetica Chimica Acta</i> , 2007, 90, 2421-2426.	1.6	11