

Haining Wang

List of Publications by Year in descending order

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932
citations

623734

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#	ARTICLE	IF	CITATIONS
1	Palladium-catalyzed reductive coupling of phenols with anilines and amines: efficient conversion of phenolic lignin model monomers and analogues to cyclohexylamines. <i>Chemical Science</i> , 2015, 6, 4174-4178.	7.4	139
2	Aldehydes as alkyl carbanion equivalents for additions to carbonyl compounds. <i>Nature Chemistry</i> , 2017, 9, 374-378.	13.6	129
3	Metal-Free Markovnikov-Type Alkyne Hydration under Mild Conditions. <i>Organic Letters</i> , 2016, 18, 2184-2187.	4.6	109
4	Umpolung Addition of Aldehydes to Aryl Imines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6260-6263.	13.8	86
5	Silver(I) as a widely applicable, homogeneous catalyst for aerobic oxidation of aldehydes toward carboxylic acids in water. <i>Science Advances</i> , 2015, 1, e1500020.	10.3	85
6	Carbonyls as Latent Alkyl Carbanions for Conjugate Additions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6302-6306.	13.8	69
7	Metal-Free Direct Deoxygenative Borylation of Aldehydes and Ketones. <i>Journal of the American Chemical Society</i> , 2020, 142, 13011-13020.	13.7	55
8	Ruthenium(II)-catalyzed olefination via carbonyl reductive cross-coupling. <i>Chemical Science</i> , 2017, 8, 8193-8197.	7.4	52
9	An Old Dog with New Tricks: Enjoin Wolff-Kishner Reduction for Alcohol Deoxygenation and C-C Bond Formations. <i>Synlett</i> , 2019, 30, 1508-1524.	1.8	38
10	Transition-Metal-Free Coupling of Alkynes with α -Bromo Carbonyl Compounds: An Efficient Approach towards $1,3$ -Alkynoates and Allenates. <i>Chemistry - A European Journal</i> , 2016, 22, 5888-5893.	3.3	37
11	Iron-Catalyzed Nucleophilic Addition Reaction of Organic Carbanion Equivalents via Hydrazones. <i>Organic Letters</i> , 2018, 20, 3801-3805.	4.6	36
12	Rh(III)-catalyzed sequential C-H activation and annulation: access to N-fused heterocycles from arylazoles and α -diazocarbonyl compounds. <i>RSC Advances</i> , 2017, 7, 20548-20552.	3.6	35
13	Umpolung Addition of Aldehydes to Aryl Imines. <i>Angewandte Chemie</i> , 2017, 129, 6356-6359.	2.0	25
14	Carbonyls as Latent Alkyl Carbanions for Conjugate Additions. <i>Angewandte Chemie</i> , 2017, 129, 6399-6403.	2.0	23
15	Empowering alcohols as carbonyl surrogates for Grignard-type reactions. <i>Nature Communications</i> , 2020, 11, 6022.	12.8	14