

Wan-Min Cheng

List of Publications by Year in descending order

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16
papers

1,804
citations

516710

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888059

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docs citations

18
times ranked

1802
citing authors

#	ARTICLE	IF	CITATIONS
1	Irradiation-Induced Heck Reaction of Unactivated Alkyl Halides at Room Temperature. <i>Journal of the American Chemical Society</i> , 2017, 139, 18307-18312.	13.7	242
2	Photoredox/Bronsted Acid Co-Catalysis Enabling Decarboxylative Coupling of Amino Acid and Peptide Redox-Active Esters with N-Heteroarenes. <i>ACS Catalysis</i> , 2017, 7, 907-911.	11.2	233
3	Transition Metal-Catalyzed Organic Reactions under Visible Light: Recent Developments and Future Perspectives. <i>ACS Catalysis</i> , 2020, 10, 9170-9196.	11.2	226
4	Photoredox-Catalysed Decarboxylative Alkylation of N-Heteroarenes with <i>N</i> -(Acyloxy)phthalimides. <i>Chemistry - A European Journal</i> , 2017, 23, 2537-2541.	3.3	176
5	Boron-Catalyzed <i>N</i> -Alkylation of Amines using Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9042-9046.	13.8	158
6	Decarboxylative 1,4-Addition of α -Oxocarboxylic Acids with Michael Acceptors Enabled by Photoredox Catalysis. <i>Organic Letters</i> , 2015, 17, 4830-4833.	4.6	152
7	Room-Temperature Decarboxylative Couplings of α -Oxocarboxylates with Aryl Halides by Merging Photoredox with Palladium Catalysis. <i>Chemistry - A European Journal</i> , 2015, 21, 13191-13195.	3.3	132
8	Isonicotinate Ester Catalyzed Decarboxylative Borylation of (Hetero)Aryl and Alkenyl Carboxylic Acids through <i>N</i> -Hydroxyphthalimide Esters. <i>Organic Letters</i> , 2017, 19, 4291-4294.	4.6	90
9	Irradiation-induced palladium-catalyzed decarboxylative desaturation enabled by a dual ligand system. <i>Nature Communications</i> , 2018, 9, 5215.	12.8	83
10	Nickel-Catalyzed Regio- and Stereoselective Hydrocarboxylation of Alkynes with Formic Acid through Catalytic CO Recycling. <i>ACS Catalysis</i> , 2016, 6, 2501-2505.	11.2	63
11	<i>cis</i> -Selective Decarboxylative Alkenylation of Aliphatic Carboxylic Acids with Vinyl Arenes Enabled by Photoredox/Palladium/Uphill Triple Catalysis. <i>Organic Letters</i> , 2018, 20, 2559-2563.	4.6	53
12	Transition-metal-catalyzed C-H functionalization for late-stage modification of peptides and proteins. <i>Chinese Chemical Letters</i> , 2018, 29, 1001-1008.	9.0	50
13	Decarboxylative formylation of aryl halides with glyoxylic acid by merging organophotoredox with palladium catalysis. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1782-1786.	4.5	38
14	Selective modification of natural nucleophilic residues in peptides and proteins using arylpalladium complexes. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3186-3193.	4.5	30
15	Efficient Pd-Catalyzed Regio- and Stereoselective Carboxylation of Allylic Alcohols with Formic Acid. <i>Chemistry - A European Journal</i> , 2017, 23, 8818-8822.	3.3	19
16	Visible light-induced Ni-catalyzed σ -heteroatom cross-coupling of aryl halides via LMCT with DBU to access a Ni(σ)/Ni(π) cycle. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3847-3853.	4.5	19