

Can Zhu

List of Publications by Year in descending order

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36
papers

1,605
citations

236833

25
h-index

289141

40
g-index

48
all docs

48
docs citations

48
times ranked

1211
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Heterogeneous Palladium-Catalyzed Oxidative Cascade Reactions of Enallenols to Furan and Oxaborole Derivatives. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1992-1996.	7.2	24
2	Palladium-catalyzed oxidative dehydrogenative carbonylation reactions using carbon monoxide and mechanistic overviews. <i>Chemical Society Reviews</i> , 2020, 49, 341-353.	18.7	85
3	Efficient Heterogeneous Palladium-Catalyzed Oxidative Cascade Reactions of Enallenols to Furan and Oxaborole Derivatives. <i>Angewandte Chemie</i> , 2020, 132, 2008-2012.	1.6	10
4	Efficient Stereoselective Carbocyclization to <i>cis</i> -1,4-Disubstituted Heterocycles Enabled by Dual Pd/Electron Transfer Mediator (ETM) Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 5751-5759.	6.6	21
5	An Efficient Approach to Regio- and Stereodefined Fully-Substituted Alkenylsilanes by Pd-Catalyzed Allenic C(sp ³)-H Oxidation. <i>Chemistry - A European Journal</i> , 2019, 25, 11566-11573.	1.7	3
6	Hochselektive Mangan(I)/Lewis-Säure-cokatalysierte direkte C-H-Propargylierung unter Verwendung von Bromallenen. <i>Angewandte Chemie</i> , 2018, 130, 445-449.	1.6	17
7	Highly Selective Manganese(I)/Lewis Acid Cocatalyzed Direct C-H Propargylation Using Bromoallenens. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 437-441.	7.2	69
8	Highly Selective Palladium-Catalyzed Hydroborylative Carbocyclization of Bisallenens to Seven-Membered Rings. <i>Journal of the American Chemical Society</i> , 2018, 140, 14324-14333.	6.6	38
9	One-Pot C-H Formylation Enabled by Relay Catalysis of Manganese(I) and Iron(III). <i>ACS Catalysis</i> , 2018, 8, 10036-10042.	5.5	35
10	Palladium-Catalyzed Oxidative Cascade Carbonylative Spirolactonization of Enallenols. <i>Angewandte Chemie</i> , 2017, 129, 3269-3273.	1.6	10
11	Palladium-Catalyzed Oxidative Cascade Carbonylative Spirolactonization of Enallenols. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3221-3225.	7.2	40
12	Enantioselective Palladium-Catalyzed Carbonylative Carbocyclization of Enallenens via Cross-Dehydrogenative Coupling with Terminal Alkynes: Efficient Construction of \pm -Chirality of Ketones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4535-4539.	7.2	43
13	Enantioselective Palladium-Catalyzed Carbonylative Carbocyclization of Enallenens via Cross-Dehydrogenative Coupling with Terminal Alkynes: Efficient Construction of \pm -Chirality of Ketones. <i>Angewandte Chemie</i> , 2017, 129, 4606-4610.	1.6	16
14	Highly selective olefin-assisted palladium-catalyzed oxidative carbocyclization via remote olefin insertion. <i>Chemical Science</i> , 2017, 8, 616-620.	3.7	41
15	Palladium-Catalyzed Oxidative Carbocyclization-Borylation of Enallenens to Cyclobutenes. <i>Angewandte Chemie</i> , 2016, 128, 6630-6634.	1.6	27
16	Highly Selective Construction of Seven-Membered Carbocycles by Olefin-Assisted Palladium-Catalyzed Oxidative Carbocyclization-Alkoxy carbonylation of Bisallenens. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14405-14408.	7.2	53
17	Highly Efficient Cascade Reaction for Selective Formation of Spirocyclobutenes from Dienallenens via Palladium-Catalyzed Oxidative Double Carbocyclization-Alkynylation. <i>Journal of the American Chemical Society</i> , 2016, 138, 13846-13849.	6.6	49
18	Highly Selective Construction of Seven-Membered Carbocycles by Olefin-Assisted Palladium-Catalyzed Oxidative Carbocyclization-Alkoxy carbonylation of Bisallenens. <i>Angewandte Chemie</i> , 2016, 128, 14617-14620.	1.6	24

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19	Palladium-Catalyzed Oxidative Synthesis of α -Acetoxyated Enones from Alkynes. <i>Angewandte Chemie</i> , 2016, 128, 5918-5922.	1.6	3
20	Enzyme- and Ruthenium-Catalyzed Enantioselective Transformation of α -Allenic Alcohols into 2,3-Dihydrofurans. <i>Angewandte Chemie</i> , 2016, 128, 5658-5662.	1.6	15
21	Palladium-Catalyzed Oxidative Carbocyclization/Borylation of Enallenes to Cyclobutenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6520-6524.	7.2	66
22	Palladium-Catalyzed Oxidative Synthesis of α -Acetoxyated Enones from Alkynes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5824-5828.	7.2	21
23	Olefin-Directed Palladium-Catalyzed Regio- and Stereoselective Hydroboration of Allenes. <i>Chemistry - A European Journal</i> , 2016, 22, 2939-2943.	1.7	45
24	Enzyme- and Ruthenium-Catalyzed Enantioselective Transformation of α -Allenic Alcohols into 2,3-Dihydrofurans. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5568-5572.	7.2	46
25	Olefin-Directed Palladium-Catalyzed Regio- and Stereoselective Oxidative Arylation of Allenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9066-9069.	7.2	72
26	Highly Selective Cascade C-C Bond Formation via Palladium-Catalyzed Oxidative Carbonylation/Carbocyclization/Carbonylation/Alkynylation of Enallenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 11868-11871.	6.6	83
27	Enantioselective Double Manipulation of Tetrahydroisoquinolines with Terminal Alkynes and Aldehydes under Copper(I) Catalysis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 277-281.	7.2	151
28	Sc(OTf) ₃ -Catalyzed Bicyclization of α -Alkynylanilines with Aldehydes: Ring-Fused 1,2-Dihydroquinolines. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13532-13535.	7.2	49
29	Studies on Palladium-Catalyzed Synthesis of Dihydrocycloocta[<i>b</i>]indoles and their Thermal Reactivities with Maleimide or Maleic Anhydride. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3897-3911.	2.1	18
30	Efficient Carbazole Synthesis via Pd/Cu-Cocatalyzed Cross-Coupling/Isomerization of 2-Allyl-3-iodoindoles and Terminal Alkynes. <i>Organic Letters</i> , 2014, 16, 1542-1545.	2.4	59
31	Copper-mediated pyrazole synthesis from 2,3-allenoates or 2-alkynoates, amines and nitriles. <i>Chemical Communications</i> , 2014, 50, 7677.	2.2	45
32	Cadmium iodide-mediated allenylation of terminal alkynes with ketones. <i>Nature Communications</i> , 2013, 4, 2450.	5.8	59
33	Bimetallic Enantioselective Approach to Axially Chiral Allenes. <i>Organic Letters</i> , 2013, 15, 2254-2257.	2.4	42
34	Coupling and Cyclization of α -Iodoanilines and Propargylic Bromides via Allenes: An Efficient Entry to Indomethacin. <i>Organic Letters</i> , 2013, 15, 2782-2785.	2.4	36
35	One-Pot Approach to Installing Eight-Membered Rings onto Indoles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7817-7820.	7.2	58
36	Palladium-Catalyzed Three-Component Tandem Cyclization Reaction of 2-(2,3-Allenyl)acylacetates, Organic Halides, and Amines: An Effective Protocol for the Synthesis of 4,5-Dihydro-1 <i>H</i> -pyrrole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1676-1682.	2.1	23