

Jianzhong Chen

List of Publications by Year in descending order

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35
papers

1,204
citations

331670

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377865

34
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docs citations

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times ranked

791
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel-catalyzed Asymmetric Hydrogenation of N-Sulfonyl Imines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7329-7334.	13.8	131
2	Nickel-catalyzed Asymmetric Hydrogenation of α -Amidoacrylates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5371-5375.	13.8	83
3	Ni-catalyzed asymmetric hydrogenation of N-aryl imino esters for the efficient synthesis of chiral β -aryl glycines. <i>Nature Communications</i> , 2020, 11, 5935.	12.8	78
4	Catalytic Asymmetric Synthesis of the anti-COVID-19 Drug Remdesivir. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20814-20819.	13.8	73
5	Palladium-catalyzed Asymmetric Hydrogenation of α -Acyloxy β -arylethanones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11632-11636.	13.8	72
6	Pd(OAc) ₂ -catalyzed asymmetric hydrogenation of sterically hindered N-tosylimines. <i>Nature Communications</i> , 2018, 9, 5000.	12.8	70
7	Nickel-catalysed asymmetric hydrogenation of oximes. <i>Nature Chemistry</i> , 2022, 14, 920-927.	13.6	63
8	Highly enantioselective hydrogenation of N-unprotected indoles using (S)-C10-BridgePHOS as the chiral ligand. <i>Tetrahedron</i> , 2013, 69, 6839-6844.	1.9	58
9	Rh-Catalyzed One-Pot Sequential Asymmetric Hydrogenation of β -Dehydroamino Ketones for the Synthesis of Chiral Cyclic <i>trans</i> - β -Amino Alcohols. <i>Organic Letters</i> , 2016, 18, 1290-1293.	4.6	55
10	Pd/Cu dual catalysis: highly enantioselective access to β -substituted β -amino acids and β -amino amides. <i>Chemical Communications</i> , 2018, 54, 599-602.	4.1	54
11	Palladium-catalyzed Chemo- and Enantioselective C=O Bond Cleavage of α -Acyloxy Ketones by Hydrogenolysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8444-8447.	13.8	39
12	Rhodium-catalyzed asymmetric hydrogenation of β -branched enamides for the synthesis of β -stereogenic amines. <i>Chemical Communications</i> , 2018, 54, 6024-6027.	4.1	38
13	Rh-Catalyzed Asymmetric Hydrogenation of Cyclic β -Dehydroamino Ketones. <i>Organic Letters</i> , 2015, 17, 5380-5383.	4.6	36
14	Nickel-catalyzed Asymmetric Hydrogenation of N-Sulfonyl Imines. <i>Angewandte Chemie</i> , 2019, 131, 7407-7412.	2.0	33
15	Pd-Catalyzed aerobic 1,2-difunctionalization of conjugated dienes: efficient synthesis of morpholines and 2-morpholones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5618-5625.	2.8	30
16	Nickel-catalyzed Asymmetric Hydrogenation of Hydrazones. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3421-3425.	2.4	27
17	Synthesis of axially chiral C10-BridgePHOS oxides and their use as organocatalysts in enantioselective allylations of aldehydes. <i>Tetrahedron</i> , 2013, 69, 8161-8168.	1.9	26
18	Copper (II)/RuPHOX-catalyzed Enantioselective Mannich-type Reaction of Glycine Schiff Bases with Cyclic Ketimines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4625-4633.	4.3	25

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19	Nickel-Catalyzed Asymmetric Hydrogenation of α -Amidoacrylates. <i>Angewandte Chemie</i> , 2020, 132, 5409-5413.	2.0	24
20	Ru-Catalyzed Asymmetric Hydrogenative/Transfer Hydrogenative Desymmetrization of Meso-Epoxy Diketones. <i>Organic Letters</i> , 2016, 18, 2640-2643.	4.6	22
21	A Co(II)-catalyzed asymmetric ring opening reaction of spiro-epoxyoxindoles with allylboron. <i>Organic Chemistry Frontiers</i> , 2020, 7, 862-867.	4.5	22
22	Pd(OAc) ₂ -Catalyzed Asymmetric Hydrogenation of α -Iminoesters. <i>Organic Letters</i> , 2019, 21, 9060-9065.	4.6	19
23	Palladium-Catalyzed Chemo- and Enantioselective C=O Bond Cleavage of α -Acyloxy Ketones by Hydrogenolysis. <i>Angewandte Chemie</i> , 2016, 128, 8584-8587.	2.0	17
24	Development of a new bicyclic imidazole nucleophilic organocatalyst for direct enantioselective C-acylation. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3969-3972.	4.5	13
25	Size is Important: Artificial Catalyst Mimics Behavior of Natural Enzymes. <i>IScience</i> , 2020, 23, 100960.	4.1	13
26	The application of the chiral ligand DTBM-SegPHOS in asymmetric hydrogenation. <i>Research on Chemical Intermediates</i> , 2019, 45, 5959-5974.	2.7	12
27	Catalytic Asymmetric Synthesis of the anti-COVID-19 Drug Remdesivir. <i>Angewandte Chemie</i> , 2020, 132, 21000-21005.	2.0	11
28	Pd(II)-Catalyzed Enantioselective Ring-Contraction for the Construction of 1,4-Benzoxazines. <i>Journal of Organic Chemistry</i> , 2021, 86, 16573-16581.	3.2	10
29	One-pot sequential asymmetric hydrogenation of α -aryl- β -aryloxy acroleins. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7099-7102.	2.8	9
30	Development of Earth-Abundant Metals-Catalyzed Enantioselective Alkenylations Using Alkenyl Metal Reagents. <i>Acta Chimica Sinica</i> , 2021, 79, 1331.	1.4	8
31	Development of Nickel-Catalyzed Cross-Coupling of Alcohol Derivatives to Construct Carbon-Carbon Bonds. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4208.	1.3	7
32	Palladium(II)-catalyzed aerobic intramolecular allylic C-H activation for the synthesis of indolines. <i>Tetrahedron</i> , 2017, 73, 1904-1910.	1.9	6
33	InnenrÃ¼cktitelbild: Nickel-Catalyzed Asymmetric Hydrogenation of α -Sulfonyl Imines (Angew.) <i>TJ ETQq</i> 1, 1 0.784314 rgBT	2.0	0
34	Frontispiz: Catalytic Asymmetric Synthesis of the anti-COVID-19 Drug Remdesivir. <i>Angewandte Chemie</i> , 2020, 132, .	2.0	0
35	Frontispiece: Catalytic Asymmetric Synthesis of the anti-COVID-19 Drug Remdesivir. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	13.8	0