

Yuecheng Zhang

List of Publications by Year in descending order

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58
papers

1,152
citations

430874

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414414

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all docs

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docs citations

58
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct C ³ -H Trifluoromethylation of Quinoxalin-2(1H)-ones under Transition-Metal-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3969-3977.	4.3	108
2	Ru/LiO-66 Catalyst for the Reduction of Nitroarenes and Tandem Reaction of Alcohol Oxidation/Knoevenagel Condensation. <i>ACS Omega</i> , 2018, 3, 4199-4212.	3.5	99
3	Copper-Catalyzed C ³ -H Difluoroacetylation of Quinoxalinones with Ethyl Bromodifluoroacetate. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2354-2359.	4.3	75
4	Cobalt-Catalyzed Trifluoromethylation/Peroxidation of Unactivated Alkenes with Sodium Trifluoromethanesulfinate and Hydroperoxide. <i>Organic Letters</i> , 2017, 19, 5260-5263.	4.6	66
5	Direct C ² -H Amination to Synthesize Primary 3-Aminoquinoxalin-2(1H)-ones under Simple and Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1662-1667.	4.3	65
6	Direct C ³ Alkoxylation of Quinoxalin-2(1H)-ones with Alcohols via Cross-Dehydrogenative Coupling under Catalyst-Free Conditions. <i>Journal of Organic Chemistry</i> , 2019, 84, 11417-11424.	3.2	62
7	[3+2] Cyclization of Azidotrimethylsilane with Quinoxalin-2(1H)-ones to Synthesize Tetrazolo[1,5-a]quinoxalin-4(5H)-ones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4509-4514.	4.3	46
8	Synthesis of ¹² C-Trifluoromethylated Alkyl Azides via a Manganese-Catalyzed Trifluoromethylazidation of Alkenes with CF ₃ SO ₂ Na and TMSN ₃ . <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2659-2667.	4.3	42
9	A study on the conversion of glycerol to pyridine bases over Cu/HZSM-5 catalysts. <i>Green Chemistry</i> , 2016, 18, 3139-3151.	9.0	36
10	Deep eutectic solvent supported TEMPO for oxidation of alcohols. <i>RSC Advances</i> , 2014, 4, 40161-40169.	3.6	33
11	Study on Alumina-Supported Cobalt-Nickel Oxide Catalyst for Synthesis of Acetonitrile from Ethanol. <i>Catalysis Letters</i> , 2011, 141, 168-177.	2.6	29
12	A Catalyst-Free Minisci-Type Reaction: the C-H Alkylation of Quinoxalinones with Sodium Alkylsulfonates and Phenyliodine(III) Dicarboxylates. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6935-6944.	2.4	28
13	Cobalt nanoparticles anchoring on nitrogen doped carbon with excellent performances for transfer hydrogenation of nitrocompounds to primary amines and N-substituted formamides with formic acid. <i>Catalysis Communications</i> , 2019, 129, 105747.	3.3	26
14	The C ³ -H Bond Functionalization of Quinoxalin-2(1H)-Ones With Hypervalent Iodine(III) Reagents. <i>Frontiers in Chemistry</i> , 2020, 8, 582.	3.6	25
15	Synthesis of di-nitrogen Schiff base complexes of methyltrioxorhenium(VII) and their application in epoxidation with aqueous hydrogen peroxide as oxidant. <i>Applied Organometallic Chemistry</i> , 2011, 25, 54-60.	3.5	22
16	Activated Carbon Supported Ruthenium Nanoparticles Catalyzed Synthesis of Imines from Aerobic Oxidation of Alcohols with Amines. <i>Catalysis Letters</i> , 2017, 147, 20-28.	2.6	21
17	Preparation of MCM-41 Supported Salen Vanadium Complex and its Catalysis for the Oxidation of Cyclohexane with H ₂ O ₂ as an Oxidant. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2008, 18, 441-447.	3.7	20
18	Copper-Promoted Intramolecular Aminotrifluoromethylation of Alkenes with Langlois Reagent as the Trifluoromethyl Source. <i>Synlett</i> , 2017, 28, 962-965.	1.8	19

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19	Palladium-Catalyzed Asymmetric Intramolecular Dearomative Heck Annulation of Aryl Halides to Furnish Indolines. <i>Journal of Organic Chemistry</i> , 2021, 86, 14640-14651.	3.2	19
20	Intensification of the interfacial adsorption of whey soy protein in the liquid phase using a foam separation column with the vertical sieve tray internal. <i>Industrial Crops and Products</i> , 2014, 53, 308-313.	5.2	18
21	Ru(OH) _x supported on polyethylenimine modified magnetic nanoparticles coated with silica as catalyst for one-pot tandem aerobic oxidation/Knoevenagel condensation of alcohols and active methylene compounds. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 125, 789-806.	1.7	16
22	Catalyst-free reductive amination of levulinic acid to N-substituted pyrrolidinones with formic acid in continuous-flow microreactor. <i>Journal of Flow Chemistry</i> , 2018, 8, 35-43.	1.9	15
23	Na ₄ Mn ₉ O ₁₈ nanowires wrapped by reduced graphene oxide as efficient sulfur host material for lithium/sulfur batteries. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 111-119.	2.5	15
24	Enhanced selectivity in the conversion of glycerol to pyridine bases over HZSM-5/11 intergrowth zeolite. <i>RSC Advances</i> , 2017, 7, 23647-23656.	3.6	14
25	Dicyanovinyl substituted push-pull chromophores: effects of central C=C/phenyl spacers, crystal structures and application in hydrazine sensing. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 3218-3226.	2.8	14
26	Amination of allyl alcohol to propionitrile over a Zn ₃₀ Cr _{4.5} /Al ₂ O ₃ bimetallic catalyst via coupled dehydrogenation-hydrogenation reactions. <i>Applied Catalysis A: General</i> , 2013, 467, 154-162.	4.3	12
27	Palladium-catalyzed intramolecular diastereoselective dearomatization reaction of indoles with <i>N</i> -tosylhydrazones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5895-5901.	4.5	12
28	Synthesis of phenylacetonitrile by amination of styrene oxide catalyzed by a bimetallic catalyst Zn _{30.1} Cr _{4.3} /Al ₂ O ₃ . <i>RSC Advances</i> , 2012, 2, 6590.	3.6	11
29	Oxidation of alkanes and secondary alcohols to ketones with <i>tert</i> -butyl hydroperoxide catalyzed by a water-soluble ruthenium complex under solvent-free conditions. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3709.	3.5	11
30	Direct Introduction of Sulfonamide Groups into Quinoxaline ₂ (1H)-ones by Cu-Catalyzed C ₃ H Functionalization. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3365-3369.	3.3	11
31	Synthesis of Tetracyclic Indolines through Palladium-Catalyzed Asymmetric Dearomative reaction of Aryl Iodides. <i>ChemistrySelect</i> , 2021, 6, 4719-4724.	1.5	11
32	Immobilization of Ru(terpyridine)(2,6-pyridinedicarboxylate) onto MCM-41 and its catalysis in the oxidation of alcohols. <i>Applied Organometallic Chemistry</i> , 2016, 30, 645-652.	3.5	10
33	Synthesis of 1 <i>H</i> -pyrrolo[1,2- <i>a</i>]indoles via Lewis Acid-Catalyzed Annulation of Propargylic Alcohols with 2-Ethynylanilines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1399-1404.	4.3	10
34	Primary Amination of Ar ₂ P(O)H with (NH ₄) ₂ CO ₃ as an Ammonia Source under Simple and Mild Conditions and Its Extension to the Construction of Various P-N or P-O Bonds. <i>Journal of Organic Chemistry</i> , 2022, 87, 3254-3264.	3.2	10
35	Synthesis of a polymer-ruthenium complex Ru(pbbp)(pydic) and its catalysis in the oxidation of secondary alcohols with TBHP as oxidant. <i>Transition Metal Chemistry</i> , 2017, 42, 105-116.	1.4	9
36	Synthesis of Nitriles from Allyl Alcohol Derived from Glycerol over a Bimetallic Catalyst Zn ₃₀ Ru _{1.0} /Al ₂ O ₃ . <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4553-4561.	3.7	9

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37	Aerobic oxidative conversion of benzylic alcohols with ammonia to nitriles catalyzed by CuCl/TEMPO/PIC. <i>Chemical Papers</i> , 2018, 72, 2679-2685.	2.2	8
38	Enhanced selectivity in the conversion of acrolein to 3-picoline over bimetallic catalyst 4.6%Cu@1.0%Ru/HZSM-5 (38) with hydrogen as carrier gas. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 127, 391-411.	1.7	8
39	Synthesis of 1,6-Dihydropyridine-3-carbonitrile Derivatives via Lewis Acid-Catalyzed Annulation of Propargylic Alcohols with <i>E</i> -3-Amino-3-phenylacrylonitriles. <i>Journal of Organic Chemistry</i> , 2020, 85, 9863-9875.	3.2	8
40	Palladium-catalyzed intramolecular tandem dearomatization of indoles for the synthesis of tetracyclic indolines. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103155.	4.9	8
41	Visible-Light-Induced Oxyalkylation of 1,2,4-Triazine-3,5(2 <i>H</i>), 4 <i>H</i> -diones with Ethers via Oxidative Cross-Dehydrogenative Coupling. <i>Journal of Organic Chemistry</i> , 2022, 87, 8551-8561.	3.2	8
42	Oxidative Kinetic Resolution of Secondary Alcohols with Salen-Mn(III)/NBS/NaClO System. <i>Catalysis Letters</i> , 2014, 144, 1797-1802.	2.6	7
43	Visible-Light-Induced C(sp ²)-C(sp ³) Cross-Dehydrogenative-Coupling Reaction of <i>N</i> -Heterocycles with <i>N</i> -Alkyl- <i>N</i> -methylanilines under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 11723-11735.	3.2	7
44	Liquid-phase oxidation of 2-methoxy- <i>p</i> -cresol to vanillin with oxygen catalyzed by a combination of CoCl ₂ and <i>N</i> -hydroxyphthalimide. <i>Research on Chemical Intermediates</i> , 2014, 40, 1303-1311.	2.7	6
45	Aerobic oxidation of <i>p</i> -cresols to 4-hydroxy benzaldehydes catalyzed by cobaltous chloride/NHPI/salen-Cu(II) catalytic system. <i>Research on Chemical Intermediates</i> , 2015, 41, 3855-3863.	2.7	6
46	Transition-Metal-Free Catalyzed Dehydrative Coupling of Quinoline and Isoquinoline Oxides with Propargylic Alcohols. <i>Chinese Journal of Chemistry</i> , 2022, 40, 71.	4.9	6
47	Catalytic Oxidation of <i>o</i> -Chlorotoluene with Oxygen to <i>o</i> -Chlorobenzaldehyde in a Microchannel Reactor. <i>Organic Process Research and Development</i> , 2020, 24, 2034-2042.	2.7	5
48	A Recyclable Organocatalyst for Asymmetric Michael Addition. <i>Catalysis Letters</i> , 2016, 146, 587-595.	2.6	4
49	Synthesis of an oligomer ruthenium complex and its catalysis in the oxidation of alcohols. <i>RSC Advances</i> , 2017, 7, 47261-47270.	3.6	4
50	Asymmetric Epoxidation of α,β -Unsaturated Ketones Catalyzed by Chiral Iron Complexes of (R,R)-3,4-Diaminopyrrolidine Derived N ₄ Ligands with Camphorsulfonyl Sidearms. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 616-621.	2.7	4
51	Hydrogenation of Aliphatic Nitriles to Primary Amines over a Bimetallic Catalyst Ni _{25.38} Co _{18.21} /MgO@0.75Al ₂ O ₃ Under Atmospheric Pressure. <i>Catalysis Letters</i> , 2021, 151, 2784-2794.	2.6	4
52	Solvent-Free Aerobic Oxidation of Alcohols to Nitriles Catalyzed by Copper Iodide in Combination with a Quaternary Ammonium Modified TEMPO. <i>Catalysis Letters</i> , 2016, 146, 220-228.	2.6	3
53	Synthesis of <i>N</i> -unsubstituted cyclic imides from anhydride with urea in deep eutectic solvent (DES) choline chloride/urea. <i>Chemical Papers</i> , 2020, 74, 1351-1357.	2.2	2
54	Deep eutectic solvent promoted one-pot synthesis of nitriles from alcohols. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	1.5	2

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55	Nitrogen-Doped Carbon Supported Co/Ni Bimetallic Catalyst for Selectively Reductive N-Formylation of Nitroso in Guanine Synthesis. <i>Catalysis Letters</i> , 2022, 152, 2812-2822.	2.6	2
56	Hydrogen generation from hydrazine catalyzed by a Ni ₁ -(CeO _{1.8}) _{0.5} /carbon-nanotubes catalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 126, 153-165.	1.7	1
57	Epoxidation of Olefins with Molecular Oxygen Over Layered Double Hydroxide Catalyst in the Presence of Benzaldehyde. <i>Catalysis Letters</i> , 0, , 1.	2.6	0
58	Photocatalytic Oxidative Bromination of 2,6-Dichlorotoluene to 2,6-Dichlorobenzyl Bromide in a Microchannel Reactor. <i>ACS Omega</i> , 2022, 7, 4624-4629.	3.5	0