

# Xueli Zheng

## List of Publications by Year in descending order

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28  
papers

365  
citations

840776

11  
h-index

888059

17  
g-index

28  
all docs

28  
docs citations

28  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hemilabile N-heterocyclic carbene (NHC)-nitrogen-phosphine mediated Ru (II)-catalyzed N-alkylation of aromatic amine with alcohol efficiently. <i>Catalysis Communications</i> , 2017, 95, 54-57.	3.3	35
2	Dehydrogenation of Alcohols to Carboxylic Acid Catalyzed by in Situ-Generated Facial Ruthenium- $\text{CPP}$ Complex. <i>Journal of Organic Chemistry</i> , 2019, 84, 9151-9160.	3.2	33
3	Direct C-H Functionalization of Pyridine via a Transient Activator Strategy: Synthesis of 2,6-Diarylpiperidines. <i>Organic Letters</i> , 2017, 19, 1970-1973.	4.6	28
4	Highly efficient catalytic system for the formation of dialdehydes from dicyclopentadiene hydroformylation. <i>Catalysis Communications</i> , 2014, 50, 29-33.	3.3	24
5	Stereodivergent Synthesis of Alkenylpyridines via Pd/Cu Catalyzed C-H Alkenylation of Pyridinium Salts with Alkynes. <i>Organic Letters</i> , 2020, 22, 7814-7819.	4.6	22
6	C <sub>6</sub> -Selective Direct Arylation of 2-Phenylpyridine via an Activated N-methylpyridinium Salt: A Combined Experimental and Theoretical Study. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3990-3998.	4.3	21
7	Ruthenium-catalyzed synthesis of N-substituted lactams by acceptorless dehydrogenative coupling of diols with primary amines. <i>Chemical Communications</i> , 2019, 55, 12384-12387.	4.1	20
8	Nitrogen-coupled blatter diradicals: the fused versus unfused bridges. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10460-10464.	5.5	18
9	Combination of RuCl <sub>3</sub> ·xH <sub>2</sub> O with PEG a simple and recyclable catalytic system for direct arylation of heteroarenes via C-H bond activation. <i>RSC Advances</i> , 2017, 7, 23515-23522.	3.6	16
10	Liquid-Liquid Equilibria of the Aqueous Two-Phase Systems Composed of the N-Ethylpyridinium Tetrafluoroborate Ionic Liquid and Ammonium Sulfate/Anhydrous Sodium Carbonate/Sodium Dihydrogen Phosphate and Water at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2014, 59, 176-182.	1.9	15
11	Homogeneous hydroformylation of long chain alkenes catalyzed by water soluble phosphine rhodium complex in CH <sub>3</sub> OH and efficient catalyst cycling. <i>RSC Advances</i> , 2019, 9, 7382-7387.	3.6	12
12	Cyclometalated Rhodium(III) Complexes Based on Substituted 2-Phenylpyridine Ligands: Synthesis, Structures, Photophysics, Electrochemistry, and DNA-Binding Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4149-4157.	2.0	10
13	Direct C-H Sulfonylimination of Pyridinium Salts. <i>Organic Letters</i> , 2022, 24, 2821-2825.	4.6	10
14	Rhodium/bisphosphite catalytic system for hydroformylation of styrene and its derivatives. <i>Applied Organometallic Chemistry</i> , 2013, 27, 474-478.	3.5	9
15	Synthesis, Characterization of N-Pyrrolylphosphanes Based on Heterocyclic Amine Backbones and Their Application in Hydroformylation of 1-Octene. <i>Catalysis Letters</i> , 2014, 144, 1074-1079.	2.6	9
16	Nonaqueous Biphasic Hydroformylation of Long Chain Alkenes Catalyzed by Water Soluble Phosphine Rhodium Catalyst with Polyethylene Glycol Instead of Water. <i>Catalysis Letters</i> , 2018, 148, 438-442.	2.6	9
17	Selective direct C-H polyfluoroarylation of electron-deficient N-heterocyclic compounds. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3887-3895.	4.5	9
18	Visible-light-initiated catalyst-free oxidative cleavage of (Z)-triaryl-substituted alkenes containing pyridyl motif under ambient conditions. <i>Green Chemistry</i> , 2021, 23, 3649-3655.	9.0	9

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19	Aqueous biphasic hydroformylation of higher alkenes and highly efficient catalyst recycling in the presence of a polar low boiling solvent. <i>Transition Metal Chemistry</i> , 2016, 41, 599-603.	1.4	8
20	Ruthenium-Catalyzed Divergent Acceptorless Dehydrogenative Coupling of 1,3-Diols with Arylhydrazines: Synthesis of Pyrazoles and 2-Pyrazolines. <i>Organic Letters</i> , 2022, 24, 3878-3883.	4.6	7
21	Synthesis of phosphorus amidite ligand and investigation of its flexibility impact on rhodium-catalyzed hydroformylation of 1-octene. <i>RSC Advances</i> , 2016, 6, 53012-53016.	3.6	6
22	Synthesis and application of PNP pincer ligands in rhodium-catalyzed hydroformylation of cycloolefins. <i>RSC Advances</i> , 2016, 6, 107305-107309.	3.6	6
23	Cu(ii)-Mediated keto C(sp <sup>3</sup> )â€“H bond Î±-acyloxylation of N,N-dialkylamides with aromatic carboxylic acids. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7594-7599.	2.8	6
24	A Novel Strategy of Homogeneous Catalysis and Highly Efficient Recycling of Aqueous Catalyst for the Hydroformylation of Higher Olefins Based on a Simple Methanol/Water Mixed Solvent. <i>Catalysis Letters</i> , 2021, 151, 1273-1281.	2.6	6
25	Selective hydroformylation of alkyl acrylates using [2,2â€“bis(dipyrrolylphosphinoxy)-1,1â€“(â€“)-binaphthyl]/Rh catalyst: reversal of regioselectivity. <i>RSC Advances</i> , 2017, 7, 14816-14823.	3.6	5
26	Highly regioselective homogeneous isomerization-hydroformylation of 2-butene with water- and air-stable phosphoramidite bidentate ligand. <i>Molecular Catalysis</i> , 2021, 508, 111598.	2.0	5
27	Acceptorless Dehydrogenative Cross-Coupling of Primary Alcohols Catalyzed by an N-Heterocyclic Carbeneâ€“Nitrogenâ€“Phosphine Chelated Ruthenium(II) Complex. <i>Journal of Organic Chemistry</i> , 2022, 87, 4550-4559.	3.2	5
28	A novel biphasic and recyclable system based on formamide for the hydroformylation of long-chain alkenes with water-soluble phosphine rhodium catalyst. <i>Molecular Catalysis</i> , 2021, 505, 111502.	2.0	2