

Xueli Zheng

List of Publications by Year in descending order

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28
papers

365
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840776

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#	ARTICLE	IF	CITATIONS
1	Acceptorless Dehydrogenative Cross-Coupling of Primary Alcohols Catalyzed by an N-Heterocyclic Carbene–Nitrogen–Phosphine Chelated Ruthenium(II) Complex. <i>Journal of Organic Chemistry</i> , 2022, 87, 4550-4559.	3.2	5
2	Direct C–H Sulfonylimination of Pyridinium Salts. <i>Organic Letters</i> , 2022, 24, 2821-2825.	4.6	10
3	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
4	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
5	Visible-light-initiated catalyst-free oxidative cleavage of (<i>Z</i>)-triaryl-substituted alkenes containing pyridyl motif under ambient conditions. <i>Green Chemistry</i> , 2021, 23, 3649-3655.	9.0	9
6	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
7	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
8	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
9	Selective direct C–H polyfluoroarylation of electron-deficient N-heterocyclic compounds. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3887-3895.	4.5	9
10	Nitrogen-coupled bladder diradicals: the fused versus unfused bridges. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10460-10464.	5.5	18
11	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
12	Dehydrogenation of Alcohols to Carboxylic Acid Catalyzed by in Situ-Generated Facial Ruthenium–CPP Complex. <i>Journal of Organic Chemistry</i> , 2019, 84, 9151-9160.	3.2	33
13	Homogeneous hydroformylation of long chain alkenes catalyzed by water soluble phosphine rhodium complex in CH ₃ OH and efficient catalyst cycling. <i>RSC Advances</i> , 2019, 9, 7382-7387.	3.6	12
14	C ₆ –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
15	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
16	Combination of RuCl ₃ ·xH ₂ O with PEG as 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
17	Selective hydroformylation of alkyl acrylates using [2,2-bis(dipyrrolylphosphinoxy)-1,1-(A±)-binaphthyl]/Rh catalyst: reversal of regioselectivity. <i>RSC Advances</i> , 2017, 7, 14816-14823.	3.6	5
18	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

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19	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
20	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
21	Cu(ii)-Mediated keto C(sp ³)-H bond α -acyloxylation of N,N-dialkylamides with aromatic carboxylic acids. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7594-7599.	2.8	6
22	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
23	Synthesis and application of PNP pincer ligands in rhodium-catalyzed hydroformylation of cycloolefins. <i>RSC Advances</i> , 2016, 6, 107305-107309.	3.6	6
24	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
25	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
26	Highly efficient catalytic system for the formation of dialdehydes from dicyclopentadiene hydroformylation. <i>Catalysis Communications</i> , 2014, 50, 29-33.	3.3	24
27	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 & Engineering Data</i> , 2014, 59, 176-182.	1.9	15
28	Rhodium/bisphosphite catalytic system for hydroformylation of styrene and its derivatives. <i>Applied Organometallic Chemistry</i> , 2013, 27, 474-478.	3.5	9