

Huan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

256
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-catalysis of a bi-functional ligand containing phosphine and Lewis acidic phosphonium for hydroformylation-acetalization of olefins. <i>Green Chemistry</i> , 2016, 18, 1798-1806.	9.0	35
2	Co-catalysis over a bi-functional ligand-based Pd-catalyst for tandem bis-alkoxycarbonylation of terminal alkynes. <i>Green Chemistry</i> , 2018, 20, 2588-2595.	9.0	34
3	Bifunctional ligands in combination with phosphines and Lewis acidic phospheniums for the carbonylative Sonogashira reaction. <i>Chemical Communications</i> , 2015, 51, 10871-10874.	4.1	29
4	Efficient and recyclable Ir(κ^1)-catalysts with the involvement of π -acceptor phosphines for N-alkylation of aryl amines with alcohols. <i>Green Chemistry</i> , 2017, 19, 1109-1116.	9.0	29
5	Co-catalysis over a tri-functional ligand modified Pd-catalyst for hydroxycarbonylation of terminal alkynes towards α,β -unsaturated carboxylic acids. <i>Green Chemistry</i> , 2019, 21, 5336-5344.	9.0	21
6	Phosphonium-based aminophosphines as bifunctional ligands for sequential catalysis of one-pot hydroformylation-acetalization of olefins. <i>Catalysis Science and Technology</i> , 2016, 6, 3854-3861.	4.1	19
7	Phosphine-ligated Ir(III)-complex as a bi-functional catalyst for one-pot tandem hydroformylation-acetalization. <i>Journal of Catalysis</i> , 2019, 373, 215-221.	6.2	18
8	An efficient and recyclable ionic diphosphine-based Ir-catalyst for hydroaminomethylation of olefins with H_2O as the hydrogen source. <i>Chemical Communications</i> , 2018, 54, 7979-7982.	4.1	15
9	Aminocarbonylation of Aryl Halides to Produce Primary Amides by Using NH_4HCO_3 Dually as Ammonia Surrogate and Base. <i>ChemCatChem</i> , 2017, 9, 4206-4211.	3.7	13
10	Immobilization of a rhodium catalyst using a diphosphine-functionalized ionic liquid in RTIL for the efficient and recyclable biphasic hydroformylation of 1-octene. <i>Faraday Discussions</i> , 2016, 190, 219-230.	3.2	12
11	Au-complex containing phosphino and imidazolyl moieties as a bi-functional catalyst for one-pot synthesis of pyridine derivatives. <i>Journal of Molecular Catalysis A</i> , 2016, 424, 323-330.	4.8	9
12	Ionic palladium complex as an efficient and recyclable catalyst for the carbonylative Sonogashira reaction. <i>Chinese Journal of Catalysis</i> , 2016, 37, 405-411.	14.0	8
13	Production of Alcohols from Olefins via One-Pot Tandem Hydroformylation-acetalization-Hydrogenolysis over Bifunctional Catalyst Merging Ru^{III} -P Complex and Ru^{III} Lewis Acid. <i>Organometallics</i> , 2017, 36, 2404-2411.	2.3	8
14	Co-catalysis for Hydroamidocarbonylation of Alkynes with Amides over a Bifunctional Ligand-based Pd Catalyst. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2113-2117.	3.3	4
15	The electronic and steric effects of neutral and ionic phosphines on Ir(I)-complex catalyzed hydroaminomethylation of olefins. <i>Molecular Catalysis</i> , 2020, 485, 110843.	2.0	2
16	Co-catalysis over Bi-functional Ligand Based Ir-catalyst for Tandem Hydroformylation-acetalization Reaction. <i>Acta Chimica Sinica</i> , 2021, 79, 658.	1.4	0