

Yao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,548
citations

567281

15
h-index

580821

25
g-index

33
all docs

33
docs citations

33
times ranked

1475
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Amide Synthesis from Alcohols and Amines by Phosphine-Free Ruthenium Catalyst Systems. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2643-2649.	4.3	215
2	Catalytic Enantioselective Amination of Alcohols by the Use of Borrowing Hydrogen Methodology: Cooperative Catalysis by Iridium and a Chiral Phosphoric Acid. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1399-1403.	13.8	209
3	Well-Defined N-Heterocyclic Carbene Based Ruthenium Catalysts for Direct Amide Synthesis from Alcohols and Amines. <i>Organometallics</i> , 2010, 29, 1374-1378.	2.3	166
4	Dynamic Kinetic Asymmetric Amination of Alcohols: From A Mixture of Four Isomers to Diastereo- and Enantiopure \pm -Branched Amines. <i>Journal of the American Chemical Society</i> , 2015, 137, 4944-4947.	13.7	148
5	Rhodium and Iridium Complexes of Abnormal N-Heterocyclic Carbenes Derived from Imidazo[1,2- <i>a</i>]pyridine. <i>Organometallics</i> , 2008, 27, 1936-1943.	2.3	138
6	Stereoselective Synthesis of Z-Alkenes. <i>Topics in Current Chemistry</i> , 2012, 327, 33-58.	4.0	108
7	N-Heterocyclic Carbene Based Ruthenium-Catalyzed Direct Amide Synthesis from Alcohols and Secondary Amines: Involvement of Esters. <i>Journal of Organic Chemistry</i> , 2011, 76, 10005-10010.	3.2	97
8	Acid-Assisted Ru-Catalyzed Enantioselective Amination of 1,2-Diols through Borrowing Hydrogen. <i>ACS Catalysis</i> , 2017, 7, 93-97.	11.2	60
9	Asymmetric Transfer Hydrogenation of Imines using Alcohol: Efficiency and Selectivity are Influenced by the Hydrogen Donor. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9615-9619.	13.8	52
10	Stereoconvergent, Redox-Neutral Access to Tetrahydroquinoxalines through Relay Epoxide Opening/Amination of Alcohols. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14082-14088.	13.8	52
11	1,3-Dinitrone Pincer Complexes of Palladium and Nickel: Synthesis, Structural Characterizations, and Catalysis. <i>Organometallics</i> , 2009, 28, 3233-3238.	2.3	49
12	Pyridine-Based N-Heterocyclic Carbene Hydride Complexes of Iridium via C-H Activation. <i>Organometallics</i> , 2008, 27, 6193-6201.	2.3	37
13	Gold- and rhodium-catalyzed formal regiodivergent C-H alkynylation of 1-arylpyrazolones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2860-2864.	2.8	24
14	Stereoconvergent, Redox-Neutral Access to Tetrahydroquinoxalines through Relay Epoxide Opening/Amination of Alcohols. <i>Angewandte Chemie</i> , 2019, 131, 14220-14226.	2.0	22
15	Iridium-catalyzed diastereoselective amination of alcohols with chiral <i>tert</i> -butanesulfinamide by the use of a borrowing hydrogen methodology. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7651-7654.	2.8	16
16	Asymmetric Transfer Hydrogenation of Imines using Alcohol: Efficiency and Selectivity are Influenced by the Hydrogen Donor. <i>Angewandte Chemie</i> , 2016, 128, 9767-9771.	2.0	15
17	Regioselective synthesis of indenones via nickel-catalyzed Larock annulations. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3847-3852.	4.5	15
18	Ruthenium ONO-Type Pincer Complex: Synthesis, Structural Characterization, and Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1779-1783.	4.3	14

#	ARTICLE	IF	CITATIONS
19	Effect of Intermolecular Distance on Surface-Plasmon-Assisted Catalysis. <i>Langmuir</i> , 2018, 34, 7240-7247.	3.5	10
20	Ionic liquid based polymeric liposomes: A stable and biocompatible soft platform for bioelectrochemistry. <i>Bioelectrochemistry</i> , 2016, 111, 41-48.	4.6	9
21	Surface plasmon-catalyzed oxidation of 4-aminodiphenyl disulfide for determination of Ag ⁺ ion in aqueous samples. <i>Mikrochimica Acta</i> , 2020, 187, 462.	5.0	8
22	Redox-neutral dehydrogenative cross-coupling of alcohols and amines enabled by nickel catalysis. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1703-1710.	4.5	8
23	Sulfite-triggered surface plasmon-catalyzed reduction of p-nitrothiophenol to p,p'-dimercaptoazobenzene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120282.	3.9	3
24	Frontispiece: Stereoconvergent, Redox-Neutral Access to Tetrahydroquinoxalines through Relay Epoxide Opening/Amination of Alcohols. <i>Angewandte Chemie - International Edition</i> , 2019, 58, .	13.8	0
25	Frontispiz: Stereoconvergent, Redox-Neutral Access to Tetrahydroquinoxalines through Relay Epoxide Opening/Amination of Alcohols. <i>Angewandte Chemie</i> , 2019, 131, .	2.0	0