Renhua Liu

List of Publications by Year
in descending order

19	432	933447 10	794594 19
papers	citations	h-index	g-index

19	19	19	646
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iron Chloride/4â€Acetamidoâ€TEMPO/Sodium Nitriteâ€Catalyzed Aerobic Oxidation of Primary Alcohols to the Aldehydes. Advanced Synthesis and Catalysis, 2010, 352, 113-118.	4.3	103
2	Reaction-activated palladium catalyst for dehydrogenation of substituted cyclohexanones to phenols and H₂ without oxidants and hydrogen acceptors. Chemical Science, 2015, 6, 4674-4680.	7.4	87
3	Formation of Cî€N bonds by the release of H2: a new strategy for synthesis of imines and benzazoles. Organic and Biomolecular Chemistry, 2013, 11, 3776.	2.8	44
4	Oneâ€Step Synthesis of Substituted Benzofurans from orthoâ€•Alkenylphenols via Palladiumâ€Catalyzed Cï£¿H Functionalization. Advanced Synthesis and Catalysis, 2016, 358, 1731-1735.	4.3	38
5	Câ€“H Functionalization via Remote Hydride Elimination: Palladium Catalyzed Dehydrogenation of ortho-Acyl Phenols to Flavonoids. Organic Letters, 2017, 19, 976-979.	4.6	35
6	Click N-benzyl iminodiacetic acid: Novel silica-based tridentate zwitterionic stationary phase for hydrophilic interaction liquid chromatography. Talanta, 2015, 132, 137-145.	5.5	19
7	Ruthenium Trichloride Catalyzed Highly Efficient Deoximation of Oximes to the Carbonyl Compounds and Nitriles without Acceptors. Chinese Journal of Chemistry, 2015, 33, 1011-1014.	4.9	17
8	An Efficient Biomimetic Aerobic Oxidation of Alcohols Catalyzed by Iron Combined with Amino Acids. Synlett, 2016, 27, 956-960.	1.8	13
9	Naphtho[2,3-b]furan-4,9-dione synthesisviapalladium-catalyzed reverse hydrogenolysis. Chemical Communications, 2019, 55, 2348-2351.	4.1	12
10	Selective Oxidation of Alkylarenes to the Aromatic Ketones or Benzaldehydes with Water. Organic Letters, 2022, 24, 1152-1157.	4.6	11
11	Oxidant- and hydrogen acceptor-free palladium catalyzed dehydrogenative cyclization of acylhydrazones to substituted oxadiazoles. Organic Chemistry Frontiers, 2018, 5, 386-390.	4.5	10
12	Metal-Free Highly Efficient Aerobic Oxidation of Sulfides to Sulfoxides Catalyzed by DBDMH/TBN/H2O. Synthetic Communications, 2012, 42, 811-819.	2.1	9
13	Dioxygen in combination with hydrazine: A practical system for degradation of a broad spectrum of toxic organics in water. Journal of Hazardous Materials, 2011, 192, 1186-1191.	12.4	8
14	4â€OHâ€TEMPO/TCQ/TBN/HCl: A Metalâ€Free Catalytic System for Aerobic Oxidation of Alcohols under Mild Conditions. Chinese Journal of Chemistry, 2015, 33, 1019-1023.	4.9	7
15	4â€Benzamidoâ€TEMPO Catalyzed Oxidation of a Broad Range of Alcohols to the Carbonyl Compounds with NaBrO₃ under Mild Conditions. Chinese Journal of Chemistry, 2014, 32, 405-409.	4.9	6
16	Chloralkanes as chlorinating agents: An efficient approach to acyl chlorides and destruction of chlorinated hydrocarbons. Applied Catalysis B: Environmental, 2011, 101, 343-347.	20.2	5
17	Pd/C-catalyzed dehydrogenation of 2-cinnamoylbenzoic acids to 3-benzylidene-3H-isochroman-1,4-diones. Chemical Communications, 2018, 54, 7774-7777.	4.1	5
18	Facile Synthesis of 4,5â€Disubstituted 2Hâ€1,2,3â€Triazoles by Catalystâ€free Cycloaddition between Substituted Vinyl Sulfones and Sodium Azide under Ambient Conditions. Chinese Journal of Chemistry, 2012, 30, 2786-2790.	4.9	2

#	Article	IF	Citations
19	Ti(Oiâ€Pr)₄ Mediated Olefination between Julia Reagent and Aldehydes under Mild Conditions: Facile Synthesis of Vinyl Sulfones. Journal of the Chinese Chemical Society, 2013, 60, 412-417.	1.4	1