

# Renhua Liu

## List of Publications by Year in descending order

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19  
papers

432  
citations

933447

10  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Oxidation of Alkylarenes to the Aromatic Ketones or Benzaldehydes with Water. <i>Organic Letters</i> , 2022, 24, 1152-1157.	4.6	11
2	Naphtho[2,3- <i>b</i> ]furan-4,9-dione synthesis via palladium-catalyzed reverse hydrogenolysis. <i>Chemical Communications</i> , 2019, 55, 2348-2351.	4.1	12
3	Oxidant- and hydrogen acceptor-free palladium catalyzed dehydrogenative cyclization of acylhydrazones to substituted oxadiazoles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 386-390.	4.5	10
4	Pd/C-catalyzed dehydrogenation of 2-cinnamoylbenzoic acids to 3-benzylidene-3 <i>H</i> -isochroman-1,4-diones. <i>Chemical Communications</i> , 2018, 54, 7774-7777.	4.1	5
5	C-H Functionalization via Remote Hydride Elimination: Palladium Catalyzed Dehydrogenation of <i>ortho</i> -Acyl Phenols to Flavonoids. <i>Organic Letters</i> , 2017, 19, 976-979.	4.6	35
6	One-Step Synthesis of Substituted Benzofurans from <i>ortho</i> -Alkenylphenols via Palladium-Catalyzed C-H Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1731-1735.	4.3	38
7	An Efficient Biomimetic Aerobic Oxidation of Alcohols Catalyzed by Iron Combined with Amino Acids. <i>Synlett</i> , 2016, 27, 956-960.	1.8	13
8	Ruthenium Trichloride Catalyzed Highly Efficient Deoxygenation of Oximes to the Carbonyl Compounds and Nitriles without Acceptors. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1011-1014.	4.9	17
9	4- <i>tert</i> -TEMPO/TCQ/TBN/HCl: A Metal-Free Catalytic System for Aerobic Oxidation of Alcohols under Mild Conditions. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1019-1023.	4.9	7
10	Reaction-activated palladium catalyst for dehydrogenation of substituted cyclohexanones to phenols and H <sub>2</sub> without oxidants and hydrogen acceptors. <i>Chemical Science</i> , 2015, 6, 4674-4680.	7.4	87
11	Click N-benzyl iminodiacetic acid: Novel silica-based tridentate zwitterionic stationary phase for hydrophilic interaction liquid chromatography. <i>Talanta</i> , 2015, 132, 137-145.	5.5	19
12	4- <i>tert</i> -Benzamido-TEMPO Catalyzed Oxidation of a Broad Range of Alcohols to the Carbonyl Compounds with NaBrO <sub>3</sub> under Mild Conditions. <i>Chinese Journal of Chemistry</i> , 2014, 32, 405-409.	4.9	6
13	Formation of C=N bonds by the release of H <sub>2</sub> : a new strategy for synthesis of imines and benzazoles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3776.	2.8	44
14	Ti(O <i>Pr</i> ) <sub>4</sub> Mediated Olefination between Julia Reagent and Aldehydes under Mild Conditions: Facile Synthesis of Vinyl Sulfones. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 412-417.	1.4	1
15	Metal-Free Highly Efficient Aerobic Oxidation of Sulfides to Sulfoxides Catalyzed by DBDMH/TBN/H <sub>2</sub> O. <i>Synthetic Communications</i> , 2012, 42, 811-819.	2.1	9
16	Facile Synthesis of 4,5-Disubstituted 2 <i>H</i> -1,2,3-Triazoles by Catalyst-free Cycloaddition between Substituted Vinyl Sulfones and Sodium Azide under Ambient Conditions. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2786-2790.	4.9	2
17	Dioxygen in combination with hydrazine: A practical system for degradation of a broad spectrum of toxic organics in water. <i>Journal of Hazardous Materials</i> , 2011, 192, 1186-1191.	12.4	8
18	Chloralkanes as chlorinating agents: An efficient approach to acyl chlorides and destruction of chlorinated hydrocarbons. <i>Applied Catalysis B: Environmental</i> , 2011, 101, 343-347.	20.2	5

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19	Iron Chloride/4- <i>N</i> -Acetamido-TEMPO/Sodium Nitrite-Catalyzed Aerobic Oxidation of Primary Alcohols to the Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 113-118.	4.3	103