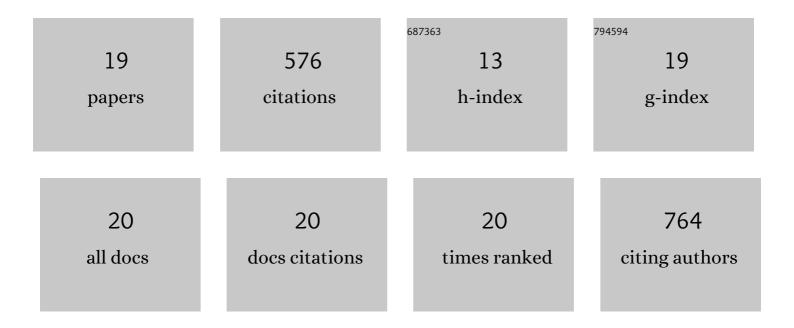
## Zhu Rui

## List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sulfonated N-Doped Carbon Nanotubes as Magnetic Solid Acid Catalysts for the Synthesis of Diphenolic Acid. ACS Applied Nano Materials, 2022, 5, 4214-4221.	5.0	2
2	Heterogeneous photocatalyzed acceptorless dehydrogenation of 5-hydroxymethylfurfural upon visible-light illumination. Green Chemistry, 2021, 23, 6604-6613.	9.0	23
3	Heterogeneous Cobalt atalyzed Câ^'C Bond Cleavage in Alcohols to Carbonyl Compounds. ChemCatChem, 2021, 13, 4355.	3.7	7
4	Metal-free photocatalytic aerobic oxidation of biomass-based furfural derivatives to prepare Î <sup>3</sup> -butyrolactone. Green Chemistry, 2021, 23, 1758-1765.	9.0	13
5	Metalâ€free Photocatalytic Aerobic Oxidative Cleavage of Câ^'C Bonds in 1,2â€Điols. ChemSusChem, 2020, 13, 5248-5255.	6.8	11
6	Cascade conversion of furancarboxylic acid to butanediol diacetate over Pd/C and La(OTf)3 catalytic system. Applied Catalysis A: General, 2020, 608, 117888.	4.3	2
7	A practical and concise homogeneous nickel catalyst for efficient solvent-free synthesis of Î <sup>3</sup> -valerolactone. Green Chemistry, 2020, 22, 3427-3432.	9.0	28
8	Synthesis of medium-chain carboxylic acids or α,ï‰-dicarboxylic acids from cellulose-derived platform chemicals. Green Chemistry, 2018, 20, 362-368.	9.0	31
9	Preparation of valeric acid and valerate esters from biomass-derived levulinic acid using metal triflates + Pd/C. Green Chemistry, 2018, 20, 3974-3980.	9.0	38
10	Skin-safe photothermal therapy enabled by responsive release of acid-activated membrane-disruptive polymer from polydopamine nanoparticle upon very low laser irradiation. Biomaterials Science, 2017, 5, 1596-1602.	5.4	21
11	A Comprehensive Study on Metal Triflate-Promoted Hydrogenolysis of Lactones to Carboxylic Acids: From Synthetic and Mechanistic Perspectives. ACS Catalysis, 2017, 7, 7520-7528.	11.2	33
12	Selective Conversion of 5â€Hydroxymethylfuraldehyde Using Cp*Ir Catalysts in Aqueous Formate Buffer Solution. ChemSusChem, 2016, 9, 1209-1215.	6.8	41
13	Chemoselective oxidant-free dehydrogenation of alcohols in lignin using Cp*Ir catalysts. Green Chemistry, 2016, 18, 2029-2036.	9.0	83
14	Alkanes from Bioderived Furans by using Metal Triflates and Palladium atalyzed Hydrodeoxygenation of Cyclic Ethers. ChemSusChem, 2015, 8, 4250-4255.	6.8	28
15	Palladium atalyzed Catellani <i>ortho</i> â€Acylation Reaction: An Efficient and Regiospecific Synthesis of Diaryl Ketones. Angewandte Chemie - International Edition, 2015, 54, 12669-12672.	13.8	118
16	A Catalyst-Free Synthesis of Phosphinic Amides Using O-Benzoylhydroxylamines. Organic Letters, 2015, 17, 5862-5865.	4.6	32
17	N-Bromoacetamide-mediated domino cyclization and elimination of homoallylic trichloroacetimidates: a novel approach toward the synthesis of 1-bromo-2-amino-3-butene derivatives. Organic and Biomolecular Chemistry, 2014, 12, 6653.	2.8	3
18	Palladium-Catalyzed Chemoselective Catellani ortho-Arylation Reactions and Their Applications in Natural Products Synthesis. Synlett, 2013, 24, 2023-2031.	1.8	32

#	Article	IF	CITATIONS
19	A multi-functional porous cobalt catalyst for the selective hydrogenative ring-opening and rearrangement of furfural to cyclopentanol. Materials Advances, 0, , .	5.4	2