Jinhang Dai

List of Publications by Year
in descending order

12 papers	468 citations	1039880 9 h-index	1281743 11 g-index
12 all docs	12 docs citations	12 times ranked	545 citing authors

#	Article	IF	Citations
1	Insights into the Kinetics and Reaction Network of Aluminum Chloride-Catalyzed Conversion of Glucose in NaClâ€“H₂O/THF Biphasic System. ACS Catalysis, 2017, 7, 256-266.	5.5	133
2	Sulfonated polyaniline as a solid organocatalyst for dehydration of fructose into 5-hydroxymethylfurfural. Green Chemistry, 2017, 19, 1932-1939.	4.6	64
3	Suppression of oligomer formation in glucose dehydration by CO₂ and tetrahydrofuran. Green Chemistry, 2017, 19, 3334-3343.	4.6	55
4	Synthesis of 2,5-diformylfuran from renewable carbohydrates and its applications: A review. Green Energy and Environment, 2021, 6, 22-32.	4.7	54
5	Towards Shell Biorefinery: Advances in Chemicalâ€Catalytic Conversion of Chitin Biomass to Organonitrogen Chemicals. ChemSusChem, 2020, 13, 6498-6508.	3.6	53
6	Adjusting the acidity of sulfonated organocatalyst for the one-pot production of 5-ethoxymethylfurfural from fructose. Catalysis Science and Technology, 2019, 9, 483-492.	2.1	28
7	Formylâ€Modified Polyaniline for the Catalytic Dehydration of Fructose to 5â€Hydroxymethylfurfural. ChemSusChem, 2016, 9, 2174-2181.	3.6	26
8	Oneâ€Pot Deoxygenation of Fructose to Furfuryl Alcohol by Sequential Dehydration and Decarbonylation. ChemCatChem, 2016, 8, 1379-1385.	1.8	16
9	One-Pot Synthesis of 2,5-Diformylfuran from Fructose by Bifunctional Polyaniline-Supported Heteropolyacid Hybrid Catalysts. Catalysts, 2019, 9, 445.	1.6	14
10	Progress in Catalytic Conversion of Renewable Chitin Biomass to Furan-Derived Platform Compounds. Catalysts, 2022, 12, 653.	1.6	9
11	Catalytic Conversion of Chitosan to Glucosaminic Acid by Tandem Hydrolysis and Oxidation. ACS Sustainable Chemistry and Engineering, 0, , .	3.2	8
12	Effect of Nano Silver Modification on the Dielectric Properties of Ag@TiO2/PVDF Composites. Journal Wuhan University of Technology, Materials Science Edition, 2021, 36, 303-310.	0.4	8