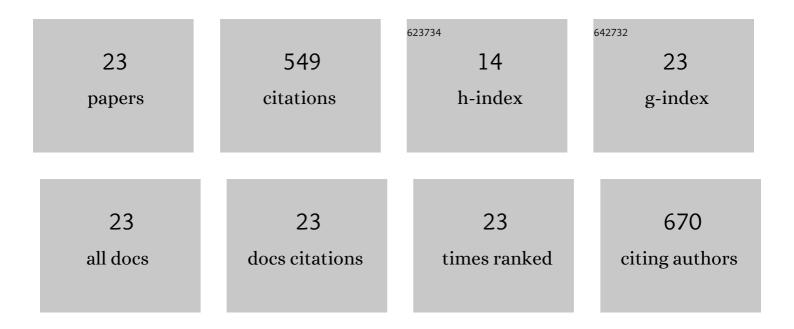
## Junfeng Feng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Hydrotreatment of lipid model for diesel-like alkane using nitrogen-doped mesoporous carbon-supported molybdenum carbide. Applied Catalysis B: Environmental, 2019, 242, 150-160.	20.2	65
2	Activated carbon supported molybdenum and tungsten carbides for hydrotreatment of fatty acids into green diesel. Fuel, 2018, 228, 103-111.	6.4	49
3	In situ catalytic hydrogenation of model compounds and biomass-derived phenolic compounds for bio-oil upgrading. Renewable Energy, 2017, 105, 140-148.	8.9	46
4	Liquid phase in situ hydrodeoxygenation of biomass-derived phenolic compounds to hydrocarbons over bifunctional catalysts. Applied Catalysis A: General, 2017, 542, 163-173.	4.3	41
5	Preparation of methyl levulinate from fractionation of direct liquefied bamboo biomass. Applied Energy, 2015, 154, 520-527.	10.1	40
6	Selective catalytic conversion of waste lignocellulosic biomass for renewable value-added chemicals <i>via</i> directional microwave-assisted liquefaction. Sustainable Energy and Fuels, 2018, 2, 1035-1047.	4.9	34
7	Characterization of depolymerized lignin and renewable phenolic compounds from liquefied waste biomass. RSC Advances, 2016, 6, 95698-95707.	3.6	31
8	Directional liquefaction of biomass for phenolic compounds and in situ hydrodeoxygenation upgrading of phenolics using bifunctional catalysts. Energy, 2017, 135, 1-13.	8.8	27
9	Synchronous conversion of lignocellulosic polysaccharides to levulinic acid with synergic bifunctional catalysts in a biphasic cosolvent system. Industrial Crops and Products, 2020, 145, 112084.	5.2	26
10	Maximizing utilization of poplar wood by microwave-assisted pretreatment with methanol/dioxane binary solvent. Bioresource Technology, 2020, 300, 122657.	9.6	24
11	Directional depolymerization of lignin into high added-value chemical with synergistic effect of binary solvents. Bioresource Technology, 2021, 321, 124440.	9.6	23
12	Directional synergistic conversion of lignocellulosic biomass with matching-solvents for added-value chemicals. Green Chemistry, 2019, 21, 4951-4957.	9.0	22
13	Highly efficient and selectivefractionation strategy for lignocellulosic biomass with recyclable dioxane/ethylene glycol binary solvent. Industrial Crops and Products, 2020, 144, 112038.	5.2	19
14	One-step method to produce methyl- <scp>d</scp> -glucoside from lignocellulosic biomass. RSC Advances, 2015, 5, 38783-38791.	3.6	17
15	Renewable platform chemicals from directional microwave-assisted liquefaction coupling stepwise extraction of waste biomass. Bioresource Technology, 2017, 244, 496-508.	9.6	12
16	Organosolv fractionation of a lignocellulosic biomass feedstock using a pilot scale microwave-heating reactor. Industrial Crops and Products, 2022, 180, 114700.	5.2	12
17	Collaborative Conversion of Biomass Carbohydrates into Valuable Chemicals: Catalytic Strategy and Mechanism Research. Journal of Agricultural and Food Chemistry, 2020, 68, 13760-13769.	5.2	11
18	Efficient Niâ€Cu/AC Bimetal Catalyst for Hydrogenolysis of Lignin to Produce Highâ€Valueâ€Added Chemicals. ChemistrySelect, 2020, 5, 10090-10097.	1.5	11

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#	Article	IF	CITATIONS
19	Directional and integrated conversion of whole components in biomass for levulinates and phenolics with biphasic system. Bioresource Technology, 2020, 315, 123776.	9.6	10
20	Highly efficient isomerization of glucose to fructose over a novel aluminum doped graphitic carbon nitride bifunctional catalyst. Journal of Cleaner Production, 2022, 346, 131144.	9.3	10
21	Efficient Utilization and Conversion of Whole Components in Waste Biomass with One-Pot-Oriented Liquefaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 18142-18152.	6.7	8
22	Acid-Catalyzed Conversion of Cellulose Into Levulinic Acid With Biphasic Solvent System. Frontiers in Plant Science, 2021, 12, 630807.	3.6	7
23	In Situ Hydrodeoxygenation of Lignin-Derived Phenols With Synergistic Effect Between the Bimetal and Nb2O5 Support. Frontiers in Energy Research, 2021, 9, .	2.3	4