Guangyue Xu

List of Publications by Year in descending order

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21	1,332	516710 16	713466 21
papers	citations	h-index	g-index

21	21	21	1591
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective Hydrodeoxygenation of Lignin-Derived Phenols to Cyclohexanols or Cyclohexanes over Magnetic CoNx@NC Catalysts under Mild Conditions. ACS Catalysis, 2016, 6, 7611-7620.	11.2	181
2	Depolymerization of lignin via a non-precious Niâ€“Fe alloy catalyst supported on activated carbon. Green Chemistry, 2017, 19, 1895-1903.	9.0	178
3	Selective Conversion of Furfural to Cyclopentanone with CuZnAl Catalysts. ACS Sustainable Chemistry and Engineering, 2014, 2, 2259-2266.	6.7	134
4	Selective Hydrodeoxygenation of Lignin-Derived Phenols to Cyclohexanols over Co-Based Catalysts. ACS Sustainable Chemistry and Engineering, 2017, 5, 8594-8601.	6.7	111
5	Hydrogenation of Biomass-Derived Furfural to Tetrahydrofurfuryl Alcohol over Hydroxyapatite-Supported Pd Catalyst under Mild Conditions. Industrial & Engineering Chemistry Research, 2017, 56, 8843-8849.	3.7	92
6	Efficient Hydrogenation of Various Renewable Oils over Ru-HAP Catalyst in Water. ACS Catalysis, 2017, 7, 1158-1169.	11.2	91
7	Phase tuning of ZrO2 supported cobalt catalysts for hydrodeoxygenation of 5-hydroxymethylfurfural to 2,5-dimethylfuran under mild conditions. Applied Catalysis B: Environmental, 2021, 295, 120270.	20.2	74
8	Selective Hydrogenation of Phenol to Cyclohexanone over Pdâ€“HAP Catalyst in Aqueous Media. ChemCatChem, 2015, 7, 2485-2492.	3.7	72
9	Cobalt Nanocluster Supported on ZrRE_nO_x for the Selective Hydrogenation of Biomass Derived Aromatic Aldehydes and Ketones in Water. ACS Catalysis, 2018, 8, 1268-1277.	11.2	66
10	Chemoselective Hydrodeoxygenation of Carboxylic Acids to Hydrocarbons over Nitrogen-Doped Carbonâ€“Alumina Hybrid Supported Iron Catalysts. ACS Catalysis, 2019, 9, 1564-1577.	11.2	66
11	One-pot chemocatalytic transformation of cellulose to ethanol over Ru-WO_x/HZSM-5. Green Chemistry, 2019, 21, 2234-2239.	9.0	51
12	Highly efficient catalytic conversion of cellulose into acetol over Niâ€“Sn supported on nanosilica and the mechanism study. Green Chemistry, 2019, 21, 5647-5656.	9.0	41
13	Direct Selective Hydrogenation of Fatty Acids and Jatropha Oil to Fatty Alcohols over Cobalt-Based Catalysts in Water. Energy & Fuels, 2018, 32, 8438-8446.	5.1	39
14	One-pot cascade conversion of xylose to furfuryl alcohol over a bifunctional Cu/SBA-15-SO3H catalyst. Chinese Journal of Catalysis, 2020, 41, 404-414.	14.0	33
15	A weakly basic Co/CeO_x catalytic system for one-pot conversion of cellulose to diols: Kungfu on eggs. Chemical Communications, 2019, 55, 7663-7666.	4.1	26
16	A nitrogen-doped carbon modified nickel catalyst for the hydrogenation of levulinic acid under mild conditions. Green Chemistry, 2021, 23, 7065-7073.	9.0	22
17	In situ synthesis of Fe-N-C catalysts from cellulose for hydrogenation of nitrobenzene to aniline. Chinese Journal of Catalysis, 2019, 40, 1557-1565.	14.0	16
18	Highly selective conversion of natural oil to alcohols or alkanes over a Pd stabilized CuZnAl catalyst under mild conditions. Green Chemistry, 2019, 21, 5046-5052.	9.0	15

#	Article	IF	Citations
19	Hydrodeoxygenation of lignocellulose-derived oxygenates to diesel or jet fuel range alkanes under mild conditions. Catalysis Science and Technology, 2020, 10, 1151-1160.	4.1	11
20	Selectively Chemocatalytic Conversion of Fructose to 1,<scp>2â€Propylene</scp> Glycol over <scp>Ruâ€WO_x</scp>/Hydroxyapatite Catalyst^{â€}. Chinese Journal of Chemistry, 2020, 38, 453-457.	4.9	7
21	Kinetic Studies on the Impact of Pd Addition to Ru/TiO₂ Catalyst: Levulinic Acid to Î³-Valerolactone under Ambient Hydrogen Pressure. Industrial & Engineering Chemistry Research, 2020, 59, 17279-17286.	3.7	6