

Yanan Zhang

List of Publications by Year in descending order

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15
papers

853
citations

623734

14
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1011
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic analysis of monosaccharide production via fast pyrolysis of lignocellulose. <i>Bioresource Technology</i> , 2013, 127, 358-365.	9.6	101
2	Comparative techno-economic analysis of biohydrogen production via bio-oil gasification and bio-oil reforming. <i>Biomass and Bioenergy</i> , 2013, 51, 99-108.	5.7	96
3	Techno-economic analysis of two bio-oil upgrading pathways. <i>Chemical Engineering Journal</i> , 2013, 225, 895-904.	12.7	96
4	Techno-economic analysis of biobased chemicals production via integrated catalytic processing. <i>Biofuels, Bioproducts and Biorefining</i> , 2012, 6, 73-87.	3.7	89
5	Techno-economic and resource analysis of hydroprocessed renewable jet fuel. <i>Biotechnology for Biofuels</i> , 2017, 10, 261.	6.2	82
6	Simulation of Methanol Production from Biomass Gasification in Interconnected Fluidized Beds. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 5351-5359.	3.7	66
7	Techno-economic analysis of advanced biofuel production based on bio-oil gasification. <i>Bioresource Technology</i> , 2015, 191, 88-96.	9.6	64
8	Integrated Analysis of Energy, Economic, and Environmental Performance of Biomethanol from Rice Straw in China. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 9999-10007.	3.7	56
9	Life cycle assessment of the production of hydrogen and transportation fuels from corn stover via fast pyrolysis. <i>Environmental Research Letters</i> , 2013, 8, 025001.	5.2	46
10	Comparative techno-economic analysis and process design for indirect liquefaction pathways to distillate-range fuels via biomass-derived oxygenated intermediates upgrading. <i>Biofuels, Bioproducts and Biorefining</i> , 2017, 11, 41-66.	3.7	39
11	Product Selection and Supply Chain Optimization for Fast Pyrolysis and Biorefinery System. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 19987-19999.	3.7	31
12	Integrated supply chain design for commodity chemicals production via woody biomass fast pyrolysis and upgrading. <i>Bioresource Technology</i> , 2014, 157, 28-36.	9.6	27
13	Economic and environmental potentials for natural gas to enhance biomass-to-liquid fuels technologies. <i>Green Chemistry</i> , 2018, 20, 5358-5373.	9.0	26
14	Life cycle assessment of commodity chemical production from forest residue via fast pyrolysis. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 1371-1381.	4.7	23
15	Understanding the role of Fischer-Tropsch reaction kinetics in techno-economic analysis for co-conversion of natural gas and biomass to liquid transportation fuels. <i>Biofuels, Bioproducts and Biorefining</i> , 2019, 13, 1306-1320.	3.7	11