

# CITATION REPORT

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Technoeconomic and life-cycle analysis of single-step catalytic conversion of wet ethanol into fungible fuel blendst

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#	Paper	IF	Citations
21	Cost and Life-Cycle Greenhouse Gas Implications of Integrating Biogas Upgrading and Carbon Capture Technologies in Cellulosic Biorefineries. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 12810-12819	10.3	18
20	Synthesizing High-Volume Chemicals from CO without Direct H Input. <i>ChemSusChem</i> , <b>2020</b> , 13, 6066-6089	3	6
19	A colloquium on the status and challenges in science for decarbonizing our energy landscape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 12541-12542	11.5	2
18	Clostridium thermocellum: A microbial platform for high-value chemical production from lignocellulose. <i>Advances in Applied Microbiology</i> , <b>2020</b> , 113, 111-161	4.9	8
17	Technoeconomic analysis for biofuels and bioproducts. <i>Current Opinion in Biotechnology</i> , <b>2021</b> , 67, 58-64	11.4	24
16	Biorefinery ethanol upgrading: Opportunities and challenges. <i>Joule</i> , <b>2021</b> , 5, 524-526	27.8	
15	Toward net-zero sustainable aviation fuel with wet waste-derived volatile fatty acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	18
14	Microbial production of advanced biofuels. <i>Nature Reviews Microbiology</i> , <b>2021</b> , 19, 701-715	22.2	24
13	Selective Butene Formation in Direct Ethanol-to-C <sub>3</sub> + Olefin Valorization over Zn $\gamma$ /Beta and Single-Atom Alloy Composite Catalysts Using In Situ-Generated Hydrogen. <i>ACS Catalysis</i> , <b>2021</b> , 11, 7193-7209	12.1	5
12	Conversion of High-Solids Hydrothermally Pretreated Bioenergy Sorghum to Lipids and Ethanol Using Yeast Cultures. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 8515-8525	8.3	3
11	Isolated Metal Sites in Cu $\gamma$ Zn $\gamma$ /Beta for Direct and Selective Butene-Rich C <sub>3</sub> + Olefin Formation from Ethanol. <i>ACS Catalysis</i> , <b>2021</b> , 11, 9885-9897	13.1	4
10	Biojet fuel production from oleaginous crop residues: thermoeconomic, life cycle and flight performance analysis. <i>Energy Conversion and Management</i> , <b>2021</b> , 244, 114534	10.6	1
9	Advanced fuels from ethanol by superstructure optimization approach. <i>Energy and Environmental Science</i> , <b>2021</b> , 14, 493-506	35.4	5
8	Versatile One-Pot Tandem Conversion of Biomass-Derived Light Oxygenates into High-Yield Jet Fuel Range Aromatics. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 15095-15105	3.9	0
7	Future landscape of renewable fuel resources: Current and future conservation and utilization of main biofuel crops in China. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150946	10.2	1
6	Multifunctional Catalysts for Direct Conversion of Alcohols to Long-Chain Hydrocarbons via Deoxygenative Olefination. <i>ACS Sustainable Chemistry and Engineering</i> ,	8.3	0
5	Towards cost-competitive middle distillate fuels from ethanol within a market-flexible biorefinery concept. <i>Green Chemistry</i> ,	10	0

4	Biojet fuels production from algae: conversion technologies, characteristics, performance, and process simulation. <b>2022</b> , 331-361		0
3	Relationship between ZSM-5 pore modifications and gallium proximity and liquid hydrocarbon number distribution from ethanol oligomerization. <i>Catalysis Science and Technology</i> ,	5.5	1
2	A Critical Review on Prospects of Bio-refinery Products from Second and Third Generation Biomasses. <i>Chemical Engineering Journal</i> , <b>2022</b> , 137677	14.7	4
1	Growth-uncoupled propanediol production in a <i>Thermoanaerobacterium thermosaccharolyticum</i> strain engineered for high ethanol yield. <b>2023</b> , 13,		0