

## Special Issue

# Electrocatalytic Processing of Biomass for Energy Conversion and Storage

### Message from the Guest Editors

Given the surge in interest for sustainable and resilient energy systems, we are publishing a Special Issue dedicated to combining fuel cell technology with conversion of organic compounds. This issue will focus on using biomass in fuel cells to generate power, or in electrolysis cells to generate hydrogen, as well as transforming biomass into products with fuel cell technology. The issue will include reviews and original research describing recent advances in catalyst and process development, catalytic fuel cells and electrolyzers, microbial fuel cells and electrolyzers, computational studies, and technoeconomic analysis.

### Guest Editors

Dr. Jamie Holladay

Dr. Oliver Y. Gutierrez

Dr. Roger Rousseau

Dr. Vassiliki-Alexandra Glezakou

Dr. Kelsey Stoerzinger

Dr. Juan Lopez-Ruiz

### Deadline for manuscript submissions

closed (30 April 2021)



## Catalysts

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Keith Hohn  
Carl R. Ice College of Engineering, Kansas State University, Manhattan,  
KS, USA

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.9 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).