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Electrocatalytic Processing of Biomass for Energy Conversion and Storage

Guest Editors:

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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.

Deadline for manuscript
submissions:

closed (30 April 2021)



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Special Issue