

Special Issue

Advances in Biochemical Conversion Technologies of Waste to Bioenergy, Biochemicals, and Biomaterials: 2nd Edition

Message from the Guest Editors

The aim of this Special Issue is to highlight the fundamental discoveries, recent developments, and innovative research in bioprocess technologies for resource recovery from solid, liquid, and gaseous waste. We would like to invite authors to submit original and state-of-the-art critical reviews within the theme of the Special Issue, including, but are not limited to, the following: Anaerobic digestion technology; biogas upgrading; biohydrogen production technology; pretreatment methods; bio-hythane; Syngas fermentation: acetogens; hydrogenotrophic methanogens; carbon monoxide/carbon dioxide bioconversion; biological water gas shift reaction; Microbial electrochemical technologies: exoelectrodes; electrotrophs; microbial fuel cell (MFC); microbial electrolysis cell (MEC); microbial electrosynthesis (MES); biosensors; Bioproducts: biofuel (ethanol, butanol, hexanol, biogas, and biohydrogen); biochemicals; bioelectricity; biopolymers; microbial proteins; Innovative bioreactor design; modelling; genetic and metabolic engineering; techno-economic analysis, machine learning for biochemical systems.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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