



energies



an Open Access Journal by MDPI

Biofuels Production from Lignocellulosic Biomass

Guest Editor:

Dr. Tiit Lukk

Department of Chemistry and
Biotechnology, Tallinn University
of Technology, Akadeemia tee 15,
12618 Tallinn, Estonia

Deadline for manuscript
submissions:

closed (31 March 2023)

Message from the Guest Editor

While lignocellulosic biomass is the most abundant form of renewable feedstock on the planet, biomass heterogeneity, make it almost impossible to come to a “one method suits all” scenario when considering the production of biofuels from the broad range of available biomass sources on Earth. Thus, pre-treatment of lignocellulosic biomass is almost universally necessary in the processes leading to biofuel production.

This Special Issue would like to encourage original contributions and reviews regarding recent developments in technologies leading to biofuels production from lignocellulosic biomass. Potential topics include, but are not limited to, biofuels from lignocellulosic wastes, genetic engineering of lignocellulosic feedstocks, pretreatment technologies, lignin derived biofuels, hemicellulosic biofuels, green routes to lignocellulose deconstruction, fermentation technologies, genetic engineering of microbial strains, enzymatic deconstruction of lignocellulose, chemical deconstruction of lignocellulose, and fractionation technologies.



mdpi.com/si/72567

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)