membranes

IMPACT FACTOR 4.2

Indexed in: PubMed

CITESCORE 4.4

an Open Access Journal by MDPI

Membranes in Biomass Waste Conversion and Reutillization

Guest Editor:

Dr. Cristiano E. Rodrigues Reis
Faculty of Chemical Sciences, Earth University, Guácimo, Costa Rica

Deadline for manuscript submissions:
closed (31 July 2023)

Message from the Guest Editor

Membranes are useful resources used to recover and purify some desired carbohydrates, such as glucose, xylose, or even xylooligosaccharides, as well as gaseous products from anaerobic conversion systems, which can be deployed to the development of biogas and the recovery of bio-H_2, and many other useful molecules to biorefineries. The design of membranes and membrane-assisted processes can also be applied to the treatment and removal of toxic and/or pollutant compounds from aqueous, organic, or even gaseous effluents. In this sense, I invite you to contribute to this Special Issue of *Membranes* on "Membranes in Biomass Waste Conversion and Reutillization", in which I welcome articles that cover this wide topic. I will be considering significant contributions ranging from the basic understanding of membrane science and technology that can be derived from biomass waste conversion to the applied studies within the scope of this Special Issue. These can be applied to biofuels, bioproducts, bioremediation, effluent treatment, catalysis, material development, and the immobilization of enzymes and cells.

membranes

IMPACT FACTOR 4.2 | Indexed in: PubMed | CITESCORE 4.4

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Spas D. Kolev
School of Chemistry, The University of Melbourne, Melbourne, VIC 3010, Australia

Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

Membranes is an international, peer-reviewed open accessjournal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2 (*Polymer Science*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

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

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

mdpi.com/journal/membranes
membranes@mdpi.com
𝕏@Membranes_MDPI