



Hydrogen Generation from Renewable Sources via Membrane Reactor Technology

Guest Editors:

Dr. Adolfo Iulianelli

Dr. Kamran Ghasemzadeh

Dr. Angelo Basile

Deadline for manuscript
submissions:

closed (20 February 2020)

Message from the Guest Editors

Dear Colleagues,

Hydrogen represents a new energy carrier, an alternative to the derivatives of fossil fuel exploitation. Meanwhile, renewable source utilization for producing hydrogen via reforming reactions may represent a viable approach to avoid the depletion of fossil fuels.

Within this context, the aim of this Special Issue is to propose a collection of membrane reactor applications to generate hydrogen from renewables via reforming reactions. Hence, modeling and experimental articles, as well as a limited number of reviews dealing with the recent advancements on the topics of this Special Issue are particularly expected.

Keywords

- membrane reactors and bioreactors
- reforming reactions of renewable sources
- hydrogen generation
- membrane reactors modeling





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 access journal 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 (*Chemistry, Physical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/membranes
membranes@mdpi.com
[X@Membranes_MDPI](https://x.com/Membranes_MDPI)