Special Issue

Hydrogen Generation from Renewable Sources via Membrane Reactor Technology

Message from the Guest Editors

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

Guest Editors

Dr. Adolfo Iulianelli

Dr. Kamran Ghasemzadeh

Dr. Angelo Basile

Deadline for manuscript submissions

closed (20 February 2020)

Membranes

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed

mdpi.com/si/20887

Membranes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
membranes@mdpi.com

mdpi.com/journal/membranes

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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.

Editor-in-Chief

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

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