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Membranes for Energy Systems Based on Fuel Cells

Guest Editor:

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Deadline for manuscript submissions:
closed (31 March 2020)

Message from the Guest Editor

I am very glad to inform you that we are accepting articles on the topic of "Membranes for Energy Systems Based on Fuel Cells". We would like to compile the best possible and most up-to-date research articles that deal with membrane technology applied to fuel cells systems in the broad sense. The main areas within the topic are membranes for direct fuel cells, non-purified fuel cells (FCs that use non-purified fuels), reversible fuel cells, and related systems that require selective membranes, as well as membranes that do not need humidification or to stop fuel cross-over. Examples of these are proton transport membranes, membranes for basic media fuel cells, water splitting connected to fuel cells, CO_2 capture connected to fuel cells, and other selective membranes that improve fuel cell systems. Finally, the new membranes may include new methods for MEA production or even new characterization techniques.

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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.

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