



## Membranes for Energy Conversion

Guest Editor:

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Deadline for manuscript submissions:  
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### Message from the Guest Editor

Global energy consumption continues to grow, and the present energy generation is still largely dependent on fossil fuels, which will become less accessible in the not-too-distant future. In addition, the increase in the price of energy together with the environmental problems resulting from the excessive emission of greenhouse gases have led to a growing interest in the development of alternative energy sources. In addressing this challenge, membrane technology is a promising alternative for energy conversion with less environmental impact and, in this sense, the interest in it has been growing rapidly.

From the energy conversion perspective, the potential application of membranes covers a wide range, including their use as electrolytes in membrane-based fuel cells, as separators in lithium batteries, in obtaining blue energy by means of reverse electrodialysis, or in thermoelectric and electrokinetic energy conversion, among others.

Research contributions on different aspects related to the use of membranes for energy conversion are welcome for this Special Issue.





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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).

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