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Emerging Polybenzimidazole Membranes for Green Energy Conversion Devices

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Deadline for manuscript submissions:

closed (10 July 2022)

Message from the Guest Editors

This Special Issue on *Emerging Polybenzimidazole Membranes for Green Energy Conversion Devices* in the journal *Membranes* seeks contributions to assess state-of-the-art and conceptual developments in the field of PBI separation membranes for fuel cells, electrolyzers, and flow batteries. Topics include, but are not limited to, new PBI membrane developments, composite membranes, chemical modification and cross-linking, manufacturing/stabilization techniques, characterization, fuel cell/electrolyzers and ox-red flow-battery application, industrial exploitation, and perspective. Authors are invited to submit their latest results—both original papers and reviews are welcome.

Keywords:

- PBI membrane developments
- composite membranes
- chemical modification and cross-linking
- manufacturing/stabilization techniques
- fuel cell/electrolyzers and ox-red flow-battery application
- industrial exploitation and perspective



mdpi.com/si/95822



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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 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.

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