

Special Issue

Ion-Exchange Membranes: From Synthesis to Applications

Message from the Guest Editor

This Special Issue on “Ion-Exchange Membranes” seeks contributions that report recent developments in the field of IEMs and their applications. Topics include but are not limited to materials, fabrication techniques, characterization, modeling of membrane transport phenomena or IEM-based processes, and applications including novel pilot- or full-scale demonstrations. Both original papers and reviews are welcome. **Keywords:**

- ion exchange membranes
- fabrication techniques
- membrane modification
- membrane characterization
- membrane transport phenomena
- membrane fouling
- structure-property-performance relationships
- modelling
- applications: separations; desalination; water treatment; energy generation; energy storage; resource recovery

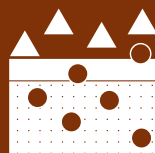
Guest Editor

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Deadline for manuscript submissions

closed (31 March 2021)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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