

Special Issue

Membrane Technology: Sustainable and Revolutionary Solutions for Energy, Water, and Environment

Message from the Guest Editors

In the spirit of improving and promoting the role of membrane technologies, highlighting advances and new findings in membrane science and technology and their impact on the technology development and the environment, this Special Issue aims to attract academics, researchers, professional engineers dealing with, but not limited to the following broader topics to contribute to this Special Issue;

- Recent development in membrane material and its industrial applications;
- Application of membrane technologies in gas separation processes;
- Development in membrane technologies for water treatment: materials, processes, and applications;
- Membrane technologies and energy perspectives;
- Applications in the environment;
- Industrial applications;
- Membrane bioreactors;
- Advances in membrane bioprocesses;
- Sustainability in the water–energy nexus of the desalination processes;
- Renewable-energy-driven membrane technologies;
- Economic tradeoff the membrane technologies.

Guest Editors

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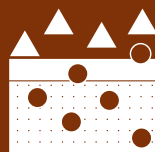
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Deadline for manuscript submissions

closed (30 December 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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