

Special Issue

Sustainable Membranes for Separation: Design, Synthesis and Applications

Message from the Guest Editors

The purpose of this Special Issue is to publish state-of-the-art research studies that gather current knowledge and pressing questions about membrane separation for gas and water treatment. This Special Issue will focus on the membrane fabrication methods, characterization techniques, simulations, and membrane scale-up approaches for broader applications in the field. The topics for VSI include, but are not limited to:

- Pressure-driven processes for water and gas treatment
- Electro-driven membrane processes
- Emerging membrane processes (membrane contactors, pervaporation and forward osmosis)
- Polymeric and inorganic membranes
- Membrane fouling and cleaning

Guest Editors

Dr. Pengrui Jin

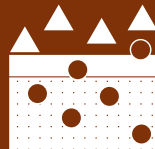
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Deadline for manuscript submissions

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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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