Special Issue

Membranes for Water, Gas and Ion Separation

Message from the Guest Editor

Due to the high energy efficiency of membrane-based separation processes, they have become an alternative to energy-intensive, traditional separation processes. Membrane applications, such as gas separation, water and liquid purification by microfiltration, ultrafiltration, nanofiltration, and reverse osmosis desalination, have been successfully applied and contributed to industrial-scale operations. This Special Issue on “Membranes for Water, Gas, and Ion Separation” of the journal *Membranes* seeks contributions to assess the state-of-the-art and future developments in the field of membrane materials, modules, and processes in both industries and academia. Authors are invited to submit their latest results and outcomes, including original papers and reviews.

- Polymer membrane
- Inorganic membrane
- Composite membrane
- Membrane module
- Desalination
- Nanofiltration
- Gas separation

Guest Editor

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Deadline for manuscript submissions

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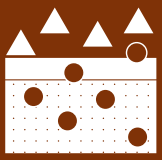

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About the Journal

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 accessjournal 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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