Special Issue

Membrane Technologies for Water and Wastewater Treatment: Advances, Challenges, and Future Avenues

Message from the Guest Editor

Membranes play a significant role in providing innovative, profitable, eco-friendly, and sustainable separation technologies for water and wastewater treatment. This Special Issue aims to attract submissions of research and review articles emphasizing the scientific and engineering aspects of membrane-based water treatment, including, but not limited to, the following themes:

- Advances in membrane material and system configurations;
- Advances in membrane technologies for water and wastewater treatment;
- Membrane transport phenomena;
- Pressure-driven membrane process;
- Membrane bioreactors;
- Integrated water and wastewater treatment systems;
- Desalination;
- Membrane technologies and energy perspectives;
- Fouling issues and antifouling strategies;
- Green antiscalants.

Guest Editor

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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 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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