

Special Issue

Separation Principles and Applications of Membrane Technology

Message from the Guest Editors

This Special Issue aims to further the progress of membrane technology by providing a platform for discussion and exchanging ideas on interesting issues about the principles of membrane separation and process designs of this technology for different separation applications. New concepts and theoretical perspectives and innovative process designs and emerging applications are particularly encouraged. In this Special Issue, both original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: mechanisms of water transport through membranes, solute transport across the membrane, water desalination and purification, modeling and the optimization of membrane processes, and new membrane processes and applications. We look forward to receiving your contributions.

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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.

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Prof. Dr. Spas D. Kolev
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