



membranes



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Shedding New Light on Membrane Technologies for Environmental Science and Engineering

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Message from the Guest Editors

Membranes are a core technology for separating one or some species from material mixtures, such as wastewater, saline water, and mixed gases, and offer significant advantages over other separation technologies. Membrane separation has become a generic technology for solving some big challenges that we are facing, such as natural resource and environmental problems. New areas of the applications of membrane-related technologies are being explored in pharmaceuticals, chemicals, and sustainable power/fuel production. This Special Issue promotes new light on membrane technologies and advances high-quality research by publishing articles in Environmental Science and Engineering. It will focus on developing new membranes and the use of membrane materials as a direct, effective, and sustainable way to address environmental problems. We accept full-length research papers and review articles that improve our understanding of membrane mechanisms, broaden the membrane applications to solve ecological issues, and alleviate/eliminate hazard risks to our Earth.



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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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