Special Issue

Water Treatment Process

Message from the Guest Editors

Sufficient and secure water supply is essential for meeting basic human needs and the functioning of many sectors of the economy. The imbalance between water supply and demand is already known and expected to increase in the future. Membrane processes can produce high-quality water from all types of water sources, including seawater and wastewater effluent. With the increase in demand, the application of membrane technologies in water treatment processes is increasing enormously. Nevertheless, these processes still require improvements in terms of pre-treatment, membrane fabrication, membrane module design, fouling control, selectivity, cost efficiency, process hybridization. Maintaining high-quality water in the distribution network and premise plumbing complements the main objective of producing high-quality water, underlining the importance of addressing water distribution aspects.

- Water treatment
- Drinking water
- Membrane processes
- Desalination
- Decentralized treatment

Guest Editors

Dr. Szilárd S. Bucs

Dr. Nadia Farhat

Dr. Luca Fortunato

Deadline for manuscript submissions

closed (30 November 2021)

Membranes

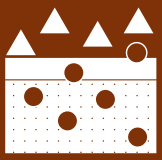
an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed

mdpi.com/si/62778

Membranes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
membranes@mdpi.com

mdpi.com/journal/membranes



Membranes

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed

mdpi.com/journal/membranes

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
School of Chemistry, The University of Melbourne, Melbourne, VIC 3010, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Polymer Science) / CiteScore - Q1 (Chemical Engineering (miscellaneous))