Special Issue

Ion Exchange Membranes for Water Treatment

Message from the Guest Editor

This Special Issue will focus on recent developments in the field of ion exchange membranes and new insights gained in our understanding of their physico-chemical and transport properties. In particular, we seek contributions associated with water treatment using ion exchange membranes, according to the themes listed below.

- bipolar membranes
- characterization
- chemical and physical stability
- Donnan dialysis
- diffusion dialysis
- electrodeionization
- electrodialysis
- membrane capacitive deionization
- modeling
- new polymeric matrices for ion exchange membranes
- organic/inorganic composite ion exchange membranes
- scaling, fouling, and biofouling of ion exchange membranes
- shock electrodialysis
- selective/functionalized ion exchange membranes
- transport phenomena

Guest Editor

Prof. Dr. Yoram Oren
Ben-Gurion University of the Negev, Zuckerberg Institute for Water Research, Sede Boker Campus, Israel

Deadline for manuscript submissions

closed (15 May 2019)

Membranes

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed

mdpi.com/si/18791

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

MDPI

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))