



an Open Access Journal by MDPI

Ion Exchange Membranes for Water Treatment

Guest Editor:

Prof. Dr. Yoram Oren

Ben-Gurion University of the
Negev, Zuckerberg Institute for
Water Research, Sede Boker
Campus, Israel

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.

Deadline for manuscript
submissions:

closed (15 May 2019)

- bipolar membranes
- characterization
- chemical and physical stability
- Donnan dialysis
- diffusion dialysis
- electrodeionization
- electro dialysis
- 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 electro dialysis
- selective/functionalized ion exchange membranes
- transport phenomena



mdpi.com/si/18791

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Spas D. Kolev

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

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.

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 (*Chemistry, Physical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/membranes
membranes@mdpi.com
[X@Membranes_MDPI](https://x.com/Membranes_MDPI)