Special Issue

Reverse Osmosis Membranes

Message from the Guest Editor

There are more than 18000 desalination plants all over the world (estimated in 2015); of these, more than 65% are based on reverse osmosis, so we have a clear target in terms of fundamental science, research, and development. In this Special Issue, authors are invited to submit reviews and original articles on the broad subject of reverse osmosis, ranging from barrier layer fundamentals and manufacture to the early detection of fouling, and from virus rejection to the fundamentals of colloidal interaction. Keywords

- reverse osmosis characterization and manufacture of barrier layer
- fouling mechanism and cleaning strategies
- early detection of fouling
- virus and micropollutants rejection
- colloids and organic matter interactions with membranes

Guest Editor

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Deadline for manuscript submissions

closed (15 February 2019)

Membranes

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed

mdpi.com/si/18016

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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 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

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