Special Issue

Membrane Fouling Control in Water Treatment

Message from the Guest Editor

The stress of freshwater scarcity has become a severe problem worldwide and drives the development of technologies for water recycling and reuse. Among these technologies, membrane separation has received a great amount of attention because of its simple operating procedure, few chemical additions, and broad removal of pollutants of different sizes. However, either for conventional pressure-driven membrane separation or for the emerging concentration-driven forward osmosis (FO) processes, the major challenge for practical applications is membrane fouling, which can cause drawbacks by increasing clean frequency and operating cost but reducing membrane life. This Special Issue on "Membrane Fouling Control in Water Treatment" of the journal *Membranes* seeks contributions to assess the state-of-the-art and future developments in the field of membrane fouling control. Topics include but are not limited to membrane preparation and modification using new materials, module and reactor design, integration of water treatment processes, and/or membrane operations.

Guest Editor

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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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