Special Issue

State-of-the-Art Technology to Fabricate Outstanding Thin-Film Composite Membranes

Message from the Guest Editors

TFC membranes are becoming main key players in the fields of drinking water purification, wastewater reuse, and desalination for both academia and industries. In particular, several TFC membranes developed by leading companies around the world such as Hydranautics and Toray chemical have been technically optimized and commercialized for membrane processes. Nevertheless, it is necessary to develop high-performance TFC membranes for lower energy consumption and less fouling propensity in membrane processes. Many researchers around the world have used various technical approaches, such as the incorporation or deposition of nanomaterials onto membrane surface or into membrane structure, surface modification, self-standing fabrication, etc. to overcome the drawbacks of current TFC membranes. This Special Issue aims to provide an academic platform that allows authors to share state-of-the-art fabrication technologies of TFC membranes. I welcome all interested authors to submit your original articles, reviews, or perspectives under the topic.

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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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