



Electrospun Nanofiber Membranes: Advances and Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The interesting features of electrospun nanofiber membranes have opened a vast number of applications in many fields. Since re-igniting the research interest on electrospinning as the main method to produce nanofibers in the 1990s, interest in nanofiber membranes is still gaining increased traction, and will likely play a large role in many areas in the future.

This Special Issue is geared towards providing the latest advances in the fabrication, modification, and application of nanofiber membranes fabricated by electrospinning. The scope of this issue includes, but is not limited to, new approaches in the fabrication and synthesis of nanofiber membrane, novel nanofiber membrane materials and modification techniques, nanocomposite and multi-functional membranes, upscaling of electrospinning technology, for water and wastewater treatment, resource recovery, oil–water separation, gas separation, biomedical, energy-related devices, and other emerging applications.

Authors are welcome to submit original research papers, communications, and review articles. Looking forward to your outstanding contribution for this Special Issue.<br





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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 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.

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