

## Special Issue

# Electrospun Nanofiber Membranes—Preparation and Application

### Message from the Guest Editor

We usually define nanofibers as fibers with diameters of less than 100 nanometers. These nanofibers have a very large surface-to-volume ratio and have become an exciting new material that can be used in many applications requiring high porosity, such as energy storage, healthcare, environmental engineering, biotechnology, and information technology. This Special Issue covers the design, preparation, and characterization of electrospun nanofiber membranes materials, as well as their applications in different areas. This Special Issue welcomes contributions on (but not limited to):

- Advanced application of electrospun nanofiber membranes in wastewater treatment
- Electrospun nanofiber membranes applied for air filtration
- Electrospun nanofiber membranes applied for flexible electronic materials
- Electrospun nanofiber membranes applied for biomedical application
- Removal of bacterial pathogens using electrospun nanofiber membranes
- Electrospun nanofiber membranes as ultrathin flexible supercapacitors.

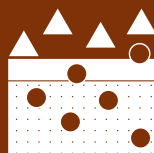
### Guest Editor

Dr. Wenjing Ma

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### Deadline for manuscript submissions

closed (31 August 2024)



## Membranes

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## About the Journal

### 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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### Editor-in-Chief

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