

Development and Applications of Electrospun Nanofiber Membrane

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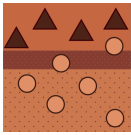
Message from the Guest Editors

Electrospun nanofiber membranes have been extensively applied in the energy and environmental areas. They have been successfully demonstrated for use as battery separators, battery electrodes, solar cells, fuel cells, hydrogen storage and printable electronics and are useful in environmental areas such as separation membranes, affinity membranes and as filter media. This Special Issue aims to focus on recent research efforts and advances in the development and applications of electrospun nanofiber membranes for different research areas benefiting humankind.

Keywords

- Electrospin/electrospun
- Nanofiber
- Membranes
- Water treatment
- Protective clothing
- Tissue engineering/medical applications
- Energy applications
- Packaging materials





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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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