



*membranes*



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## Cellulose Membranes: From Synthesis to Applications

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Deadline for manuscript  
submissions:

**closed (20 November 2023)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to report advances in the composition, design, processing, characterization, and applications of cellulose membranes made from regenerated cellulose, cellulose nanomaterials, cellulose derivatives, and other materials that contain substantial cellulose, from various sources of cellulose such as woody plants, bast fibers, cotton, bacteria, algae, waste textiles, and papers, etc. Cellulose membranes should be well characterized in structure and transport properties and are used accordingly.

Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: cellulose membrane preparation and characterization; cellulose membrane processes; modeling and simulation; operation and modules design; industrial and medical cellulose membrane applications, for example, dialysis membranes, supercapacitor membrane separators, drug capsules, cellulose scaffolds, etc.

I look forward to receiving your contributions.

Dr. Jinwu Wang

Dr. Lanxing Du

*Guest Editors*



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# Special Issue



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## Editor-in-Chief

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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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