

## Special Issue

# Electrospun Nanofiber Membranes: Advances and Applications

### Message from the Guest Editor

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.

---

### Guest Editor

Prof. Dr. Leonard Tijing

1. Centre for Technology in Water and Wastewater (CTWW), School of Civil and Environmental Engineering, Faculty of Engineering and IT, University of Technology Sydney, Sydney, NSW 2007, Australia  
2. ARC Research Hub for Nutrients in a Circular Economy (NICE), School of Civil and Environmental Engineering, Faculty of Engineering and IT, University of Technology Sydney, Sydney, NSW 2007, Australia

---

### Deadline for manuscript submissions

closed (30 November 2018)



## Membranes

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 9.4  
Indexed in PubMed



[mdpi.com/si/12748](https://mdpi.com/si/12748)

*Membranes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[membranes@mdpi.com](mailto:membranes@mdpi.com)

[mdpi.com/journal/  
membranes](https://mdpi.com/journal/membranes)





# Membranes

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 9.4  
Indexed in PubMed



[mdpi.com/journal/  
membranes](https://mdpi.com/journal/membranes)



## 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.

---

### Editor-in-Chief

Prof. Dr. Spas D. Kolev  
School of Chemistry, The University of Melbourne, Melbourne, VIC  
3010, Australia

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

#### Journal Rank:

JCR - Q2 (Polymer Science) / CiteScore - Q1 (Chemical Engineering (miscellaneous))