

## Special Issue

# 1D- and 2D-Materials for Advanced Membranes

### Message from the Guest Editors

This Special Issue of *Membranes*, “1D- and 2D-Materials for Advanced Membranes”, aims to provide comprehensive coverage on the 1D and 2D materials membranes for various applications, e.g., desalination, carbon capture, hydrogen purification, hydrocarbon separation, molecular sieving, and solvent separation. In this Special Issue, original research articles and reviews on the above themes are welcome. We look forward to receiving your contributions.

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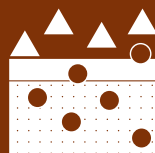
### Guest Editors

Dr. Peng Lu  
Dr. Naixin Wang  
Prof. Dr. Wanbin Li

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### Deadline for manuscript submissions

closed (31 December 2022)



## 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

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

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