# Special Issue

## Nanofiltration Membranes for Precise Separation

### Message from the Guest Editors

Nanofiltration (NF) membranes have attracted significant attention in recent years and have been adopted in diverse fields, including water treatment, organic solvent separation, and food as well as beverage processing. Although numerous efforts have been devoted to advancing membrane separation performance, achieving the precise separation of solutes with similar sizes is still a huge challenge for current NF membranes. This Special Issue aims to showcase the latest advances in the design, fabrication, and characterization of NF membranes for precision sieving. Topics for this Special Issue include, but are not limited to, (1) novel materials and fabrication methods for NF membranes, (2) advances in the characterization and performance evaluation of NF membranes, (3) application of NF membranes in water and wastewater treatment, including desalination, resource recovery, and micropollutant removal, (4) pharmaceutical and biotechnology applications, including drug purification, protein separation, and virus removal, and (5) environmental applications, such as gas separation, organic solvent separation, air purification, and heavy metal removal.

### Guest Editors

Dr. Shenghua Zhou

Dr. Guiliang Li

Dr. Yang Liu

### Deadline for manuscript submissions

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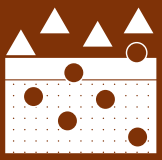
*Membranes*
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
membranes@mdpi.com

mdpi.com/journal/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 accessjournal 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

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