

## Special Issue

# Advanced Membrane Technology on Desalination and Concentration, 2nd Edition

### Message from the Guest Editor

This Special Issue focuses on desalination and concentration. In order to further expand the possibilities of membrane technology, this Special Issue targets desalination and concentration for any substance or ion. Furthermore, there are no restrictions on the types of membranes (RO, IEM, etc.), and membrane technology combining different types of membranes is also within the scope of this Special Issue. This Special Issue is open to researchers, engineers, and users who are associated with membrane technologies in terms of desalination and concentration in all fields, and covers a broad range of topics:

- Membrane performance evaluation (e.g., selectivity, permeability, fouling, lifespan, spacers effect, and cost);
- System design and/or industrial examples (unit systems and/or combined systems with other membrane technology);
- Operating conditions, membrane reuse, membrane cleaning, and feasibility studies;
- Membrane manufacturing (lab scale and/or industrial scale);
- Transport phenomena, chemical reactions, mathematical modeling, and numerical simulations.

### Guest Editor

Dr. Yoshihiko Sano

Department of Mechanical Engineering, Shizuoka University, 3-5-1 Johoku, Naka-ku, Hamamatsu 432-8561, Japan

### Deadline for manuscript submissions

closed (30 September 2023)



## Membranes

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

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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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