

## Special Issue

# The Development Trends in Multifunctional Surface Engineering of Ultrafiltration Membranes for Wastewater Treatment and Resources Recovery

### Message from the Guest Editors

The scarcity of clean water supplies has recently attracted the interest of both society and scholars. Various pollutants, which are frequently seen in a variety of industrial sectors, affect living beings due to their non-biodegradability, toxicity, and carcinogenic effects. As a result, various organizations worldwide have focused their efforts on finding and developing effective treatment solutions for wastewater polluted with pollutants. Currently, there has been an increasing tendency to use membrane technology in wastewater treatment. This special issue invites full-length articles and reviews that related to the latest or most advanced stage of development in membrane technology and its applications for wastewater treatment, and innovative process design of this technology. Research areas may include, but are not limited to, water purification, modern membrane bioreactors, photocatalytic membrane reactor and any novel membrane processes, hybrid membrane processes, fouling control strategy, module design, modeling and simulation and System optimization.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 August 2023)



## 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

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