

## Special Issue

# Multifunctional Antifouling Membranes

### Message from the Guest Editor

Membrane-based processes are widely considered as crucial technologies for augmenting freshwater supply due to their compactness, modularity, reliability, and high energy efficiency. Despite the wide range of applications for seawater and brackish water desalination, and for wastewater reuse, fouling remains a major challenge for membrane processes. The detrimental effects of membrane fouling, such as reduced water flux, increased energy consumption, and shorter membrane lifetime, have led to extensive efforts to design and construct multifunctional antifouling membranes to prevent the adsorption of various foulants. We are pleased to invite you to submit a paper to our Special Issue titled “Multifunctional Antifouling Membranes” which aims to cover recent advances in state-of-the-art multifunctional membrane construction to combat fouling issues (organic fouling, biofouling, scaling, etc.).

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### Guest Editor

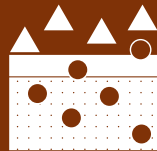
Dr. Caihong Liu

College of Environment and Ecology, Chongqing University, Chongqing, China

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### Deadline for manuscript submissions

closed (30 November 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  
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3010, Australia

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