

## Special Issue

# Recent Developments in Inorganic Membranes for Sustainable Environmental Applications

### Message from the Guest Editors

This Special Issue, entitled "Recent Developments in Inorganic Membranes for Sustainable Environmental Applications," aims to highlight the latest progress in developing and applying inorganic membranes for environmental sustainability. We invite authors to submit original research papers and review articles covering, but not limited to, the following topics:

- Advanced inorganic membranes for water purification and wastewater treatment.
- Novel inorganic membrane materials and fabrication strategies for environmental applications.
- Inorganic membrane reactor for pollutant degradation.
- Photocatalytic and catalytic membranes for environmental remediation.
- Gas separation membranes for pollutant removal and emission control.
- Applications of inorganic membranes in water treatment, air pollution control, catalysis, and other environmental.
- Surface modification and functionalization of inorganic membranes.
- Fabrication processes and scale-up technologies for inorganic membranes.
- Development of mixed matrix membranes and composite inorganic membranes.

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### Guest Editors

Dr. Dong Zou

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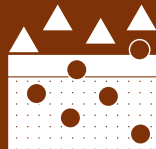
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### Deadline for manuscript submissions

closed (1 October 2025)



## 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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