

## Special Issue

# Development in Catalytic Membranes and Membrane Reactors

### Message from the Guest Editors

The aim of this Special Issue is to highlight the advancements in catalytic membranes and membrane reactors for environmental applications. This Special Issue will focus on, but is not limited to, the novel fabrication strategies of catalytic membranes; understanding the relationship of catalyst microstructural properties and membrane performance; mechanistic insights into pollutant removal by catalytic membranes; numerical simulations of the membrane transport and catalysis processes; process efficiencies; and techno-economic and life-cycle evaluations of catalytic membrane reactors. Original research articles and reviews on catalytic membranes and membrane reactors are welcome. All invited submissions for this Special Issue will be subjected to a peer review process.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2024)



## 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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