

Special Issue

Membrane Reactors for Process Intensification: Recent Advances and Key Applications

Message from the Guest Editor

The current Special Issue aims to collect some of the most recent advances in this field, covering from membrane and membrane reactor designs to particular applications in which the use of this technology provides clear advantages against other conventional processes schemes.

- Membrane reactor
- Process intensification
- Equilibrium displacement
- Coupled reactions
- High-efficiency
- Hydrogen
- CO₂ capture
- CO₂ conversion
- Waste valorization
- Wastewater treatment

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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