

Special Issue

Recent Advances in Metal-Organic Framework Membranes for Water Decontamination

Message from the Guest Editor

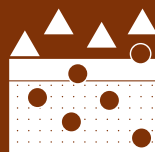
The Special Issue titled “Recent Advances in Metal-Organic Framework Membranes for Water Decontamination” is dedicated to encapsulating a comprehensive spectrum of topics related to membranes in liquid separation and water treatment. These encompass the following: (1) functionalized or parent metal–organic framework materials; (2) the synthesis and physicochemical characterization of membranes; (3) procedural and configurational methodologies; (4) the elucidation of separation mechanisms; (5) the rigorous assessment of performance metrics; (6) the utilization of computational models (for instance, atomistic, kinetic, or computational fluid dynamics) and simulations; and (7) the exploration of practical, industrial applications. I warmly welcome the submission of original research papers, succinct communications, and critical review articles that align with the journal's stated objectives and thematic breadth. We eagerly anticipate your scholarly contributions and remain hopeful that your research endeavors will significantly enrich this Special Issue.

Guest Editor

Dr. Ranadip Goswami
Chemical Engineering, EPFL Valais Wallis, 1950 Sion, Switzerland

Deadline for manuscript submissions

closed (20 July 2024)



Membranes

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed



mdpi.com/si/197018

Membranes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
membranes@mdpi.com

[mdpi.com/journal/
membranes](https://mdpi.com/journal/membranes)





Membranes

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed



[mdpi.com/journal/
membranes](https://mdpi.com/journal/membranes)



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
School of Chemistry, The University of Melbourne, Melbourne, VIC
3010, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Polymer Science) / CiteScore - Q1 (Chemical Engineering (miscellaneous))