



an Open Access Journal by MDPI

State-of-the-Art Membrane Science and Technology in Germany (2021,2022)

Guest Editors:

Prof. Dr. Peter Czermak

Institute of Bioprocess
Engineering and Pharmaceutical
Technology, Mittelhessen
University of Applied Sciences,
Wiesenstrasse 14, 35390 Giessen,
Germany

Prof. Dr. Stefan Panglich

Mechanical Process Engineering
and Water Technology, University
of Duisburg-Essen, 47057
Duisburg, Germany

Deadline for manuscript
submissions:

closed (20 May 2023)

Message from the Guest Editors

In this Special Issue, the current development of membranes and membrane processes for application not only to water treatment but also to various liquid separation, gas separation, energy production, food concentration, and pharmaceutical processes will be collected and shared across the world from Germany through publishing original research papers and review papers. We would like to promote the further development of membrane science and technology and look into the future of membranes and processes.

Contributions for the topics below, related to advances in membrane preparation, characterization, and their application to membrane separation processes in Germany, are welcome, both in the form of experimental and theoretical contributions:

- Development of new membrane materials and processes;
- New application area for membrane technology;
- Methods for mitigation of fouling and scaling;
- Development of membrane module and membrane installations;
- Modeling and simulations of membrane transport and membrane-based process operation.



mdpi.com/si/92832

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Spas D. Kolev

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

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.

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 (*Chemistry, Physical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/membranes
membranes@mdpi.com
[X@Membranes_MDPI](https://twitter.com/Membranes_MDPI)