



an Open Access Journal by MDPI

Green Chemistry in Membrane Synthesis, Process, Application

Guest Editor:

**Dr. Małgorzata (Gosia)
Chwatko**

Department of Chemical and
Materials Engineering, University
of Kentucky, Lexington, KY 78712,
USA

Deadline for manuscript
submissions:

closed (1 June 2022)

Message from the Guest Editor

Dear Colleagues,

Waste disposal and accumulation is an important challenge facing our world. Membrane synthesis is not immune to this issue, as membranes are commonly synthesized using fossil fuel-derived polymers and toxic solvents such as DMF. Due to this environmental impact, special attention should be paid to the materials and synthetic processes utilized in membrane fabrication. This Special Issue aims to cover the latest developments in applying a sustainability mindset from membrane synthesis, membrane use, and final reuse/degradation. Articles covering any sustainable membranes or sustainability-driven membrane purification are welcome in this Special Issue.

Dr. Małgorzata (Gosia) Chwatko
Guest Editor



mdpi.com/si/86426

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://x.com/Membranes_MDPI)