

Membrane-Based Technologies for Water/Wastewater Treatment

Guest Editors:

Prof. Dr. Sudesh Rathilal

**Prof. Dr. Babatunde Femi
Bakare**

Dr. Emmanuel Kweinor Tetteh

Dr. Martha Noro Chollom

Deadline for manuscript
submissions:

closed (31 March 2024)

Message from the Guest Editors

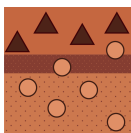
Dear Colleagues,

This Special issue invites original research articles and reviews that analyse cutting-edge advancements in membrane-based technologies and their applications for water and wastewater treatment, energy conversion, and resource recovery from wastewater and any other waste. Research areas may include, but are not limited to, advanced membrane bioreactors, electrodialysis, fouling, cleaning, module design, and optimization. This will encourage successful implementation and commercialization of membrane technology systems for sustainable environments and mitigation of wastewater pollution.

Keywords: membrane technology; nanotechnology; wastewater treatment technology; membrane bioreactors; nanofiltration; microfiltration; ultrafiltration; osmosis; photocatalytic membrane reactor; membrane distillation

Prof. Dr. Sudesh Rathilal
Prof. Dr. Babatunde Femi Bakare
Dr. Emmanuel Kweinor Tetteh
Dr. Martha Noro Chollom
Guest Editors





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 (*Polymer Science*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Membranes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/membranes
membranes@mdpi.com
X@Membranes_MDPI