processes

an Open Access Journal by MDPI

IMPACT FACTOR 2.8

CITESCORE 5.1

Advances of Membrane Technology in Wastewater Treatment

Guest Editors:

Dr. Han Zhang
State Key Laboratory of Urban Water Resource and Environment, School of Environment, Harbin Institute of Technology, Harbin 150090, China

Dr. Jinlong Wang
State Key Laboratory of Urban Water Resource and Environment (SKLUWRE), School of Environment, Harbin Institute of Technology, Harbin 150090, China

Deadline for manuscript submissions:
15 November 2024

Message from the Guest Editors

Advances of membrane technology in wastewater treatment have been realised by new membrane technology processes, including MBR, AnMBR, and MABR. Recently, there have been a number of works showing performance improvements using membrane technology in wastewater treatment. There are also a number of novel combined technologies with other processes for membrane fouling mitigation. These advancements in membrane technology can deliver higher separation factors and treatment performance. Some low-carbon membrane separation (liquid or gas) wastewater treatment technologies are also being developed.

This Special Issue on “Advances of Membrane Technology in Wastewater Treatment” seeks high-quality works focusing on the latest novel advances of membrane technology for wastewater treatment. Topics include, but are not limited to, the following:

- Membrane technology performance application;
- Pre-treatment technology to alleviate membrane fouling;
- Novel low-carbon membrane technology, including MABR and AnMBR;
- Membrane process industrial integration, application and modelling.

processes

IMPACT FACTOR 2.8

CITESCORE 5.1

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. 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, Inspec, AGRIS, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/processes
processes@mdpi.com
𝕏@Processes_MDPI