Special Issue

Research on Electrodialytic Processes

Message from the Guest Editors

Electrodialysis is a mature separation technique in which ions migrate through electromembranes that are selective to cations or anions. Due to its versatility, electrodialysis has become a multifunctional process that is applied in several fields, such as seawater desalination, the treatment of various industrial wastewaters, as well as the production of food, medicines, biopolymers, ultrapure water, acids, and alkali. The main advantages of electrodialytic processes include their ability to extract and recover valuable components and the fact that, in most situations, it is not necessary to add reagents to the solution for treatment. On the other hand, the costs of ion exchange membranes and energy consumption are relatively high, besides the maintenance to mitigate the negative effects caused by fouling phenomena. This Special Issue serves as a platform gathering all recent advances in the broad scope of electrodialytic processes.

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Deadline for manuscript submissions

closed (28 February 2025)

Membranes

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed

mdpi.com/si/197852

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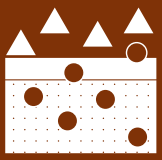

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You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open accessjournal of membrane technology published 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

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