Special Issue

Recent Advances in Polymer Inclusion Membranes

Message from the Guest Editors

Polymer inclusion membranes (PIMs) have seen significant advancements in recent years, driven by their applications in separation technologies, environmental remediation, and chemical sensing. PIMs are composite materials consisting of a polymer matrix, a plasticizer, and functional agents such as carriers or extractants. Recent advances in PIM technology include the following issues: 1) Enhanced selectivity and efficiency; 2) Improved mechanical and chemical stability; 3) Environmental applications; 4) Sensing and detection; 5) Sustainable and green chemistry; 6) Process optimization and scalability. This Special Issue is devoted to "Recent Advances in Polymer Inclusion Membranes". Authors are invited to submit their contributions in the form of research articles (based on either lab-scale or pilot-scale experiments or simulation results), technical reporting, case studies, and critical reviews.

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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 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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