Special Issue

Polymer Membranes for Wastewater Treatment

Message from the Guest Editors

Wastewater poses a major ecological problem with high environmental impacts when discharged into the ecosystem without proper treatment.

Membrane separation technology, which utilizes polymeric membranes, provides effective alternatives to related technologies such as adsorption, extraction, distillation, ion exchangers, and sand filters. These technologies include desalination and purification of groundwater or wastewater. Various new membrane types have been developed in membrane technology, such as nanocomposite, photocatalytic, adsorptive, and biomimetic membranes. Novel polymeric materials, including dendronized, ionic, and solvent-resistant polymers, have also been reported to improve the properties of membranes.

This Special Issue focuses on the latest fundamental and applied studies in polymeric membrane technologies, including, but not limited to, the synthesis of novel membrane materials, membrane modifications, and advanced membrane processes.

We hereby invite you to submit research articles or comprehensive reviews on the latest studies that could provide innovative findings and breakthroughs in polymeric membrane science.

Guest Editors

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Deadline for manuscript submissions

10 June 2026

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/261723

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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