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Polymeric Membranes: Preparation and Application

Guest Editors:

Dr. Alexey V. Volkov

A.V. Topchiev Institute of
Petrochemical Synthesis, Russian
Academy of Sciences, Leninsky
Prospect 29, 119991 Moscow,
Russia

Dr. Lidietta Giorno

National Research Council of
Italy, Institute on Membrane
Technology, CNR-ITM Via P. Bucci
17/C, 87036 Rende (CS), Italy

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Message from the Guest Editors

Dear Colleagues,

Membrane separation is continuously gaining attention over the last few decades due to its low-energy consumption, the ease of scaling it up, and its flexibility in operation. It has been already successfully used in the industry and for municipal needs including desalination, water treatment, gas separation, and food applications. However, the efficiency of the separation process is mostly attributed to the membrane performance. This Special Issue will highlight the recent advances in the preparation of novel polymeric membranes for different kind of applications like gas separation, filtration of aqueous and non-aqueous media, membrane contactor systems, (waste)water treatment and other areas.

Keywords

- membrane
- membrane preparation
- gas separation
- liquid separation



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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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