

## Special Issue

# Polymeric Membranes: Preparation and Application

### Message from the Guest Editors

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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