

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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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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