Special Issue

Functional Polymeric Membrane for Filtration/Separation

Message from the Guest Editor

As an emerging separation process, membrane technology has become competitive with other separation techniques, polymeric membranes are prominently used for various membrane-based filtration and separation applications due to their advantages, such as their low cost, ease of membrane formation, scale-up ability, good mechanical properties, leading to the pore size to be controlled while also increasing permeability and selectivity. This Special Issue is dedicated to the recent advances and strategies that have been made for the functionalization of both porous and nonporous polymeric membranes that offer leapfrog opportunities to the next generation of polymer membrane-based separation and filtration systems. Full-length research articles, review articles, and communications are welcomed on the aforementioned topics with the following keywords: • Surface modification and functionalization; • Modeling and simulation of mass transport; • Anti-fouling and self-cleaning; • Water and wastewater treatment; • Environmental remediation; • Food and pharmaceutical industry;

Guest Editor

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Deadline for manuscript submissions

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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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