

Special Issue

Polymer Nanocomposite Membranes for Environmental Applications

Message from the Guest Editors

This Special Issue is devoted to one of the most attractive fields in membrane science and technology research. The advances in inorganic nanomaterials development (0D, 1D and 2D) over the past decade have resulted in significant growth of its applications for various processes including membrane separation. There is a large number of studies successfully demonstrating the positive roles of using inorganic nanomaterials in improving membrane intrinsic properties and thus its filtration efficiency. Successful cases have been reported for the mixed matrix membranes for water and gas separation, polyamide thin film nanocomposite membranes for water desalination, adsorptive membranes for heavy metal ions removal, organic/inorganic hybrid membranes for pervaporation of organic solvent, etc. This Special Issue focuses on the development of polymer nanocomposite materials for membrane fabrication and modification and aims to give an insight into the design of advanced nanocomposite membranes for environmental applications.

Guest Editors

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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

Prof. Dr. Alexander Böker

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