Special Issue

Polymer-Based Membranes: Innovation in Separation Technology

Message from the Guest Editors

Innovative and efficient separations are needed to meet increasingly stringent requirements in terms of reduced energy and resource consumption, and in terms of low environmental impact. Membrane operations are capable of coping with different and challenging fields. The areas of application of this technology are continuing to expand and now cover a broad spectrum of activities of human interest, ranging from water and air purification to the recovery of high-value species from waste. Polymers represent the most versatile materials for the development of the majority of membrane operations. These combinations are capable of enhancing both macroscopic and microscopic properties without compromising the polymers' strong points. Innovative research on membranes and membrane operations involving the separation or the treatment of fluid streams (gases and/or liquids) as well as the development of membrane-based energy production systems are strongly encouraged and welcomed as contributions for this Special Issue.

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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 4.7.

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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