Special Issue

Polymers for Membrane Application

Message from the Guest Editor

Separation using polymer membranes is one of the most promising, cost-effective, and energy-efficient ways, e.g., to achieve seawater desalination, surface water purification, and the recycling of homogenous catalysts in chemical synthesis. Polymer membranes have been used in gas, as well as in liquid, separation fields for many years, and recent developments have led to significant achievements in both fields. This Special Issue aims to deliver new insights and report on recent progress in the field of polymeric membranes for separation processes, and we also aim to present new ideas and achievements. It provides not only solutions for current problems but also the necessary inspiration for future generations. An important aspect of this Special Issue will be switchable stimuli-responsive membranes, based on synthesis, post-functionalization, etc., leading to, for example, reduced fouling behaviour. Authors are welcome to submit their latest results in the form of original full articles, communications, or reviews on this wide topic.

Guest Editor

Dr. Volkan Filiz

Institute of Polymer Research, Helmholtz-Zentrum Geesthacht, Max-Planck-Str.1, 21502 Geesthacht, Germany

Deadline for manuscript submissions

closed (30 April 2020)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/25834

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/journal/polymers

About the Journal

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 4.7.

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

Prof. Dr. Alexander Böker
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

MDPI