Special Issue

Innovative Polymer Electrolytes

Message from the Guest Editors

Polymer electrolytes are an innovative class of materials combining ion-transport properties analogous to conventional salt solutions with the unique mechanical properties of polymers. Polymer electrolytes play an important role in a large number of solid-state electrochemical devices in energy and medicine. The non-exhaustive list of devices includes (bio)sensors, actuators, ion pumps, electrochromics, light-emitting electrochemical cells, solar cells, and batteries. Due to growing interest in this field, this Special Issue aims to publish high-quality original research papers on the synthesis and application of innovative polymer electrolytes.

Guest Editors

Prof. Dr. David Mecerreyes
Dr. Luca Porcarelli
Dr. Xiaoen Wang

Deadline for manuscript submissions

closed (30 July 2020)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/33302

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 4.9.

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
Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 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)