Special Issue

Water-Soluble Polymers

Message from the Guest Editor

Co)Polymers bearing sufficient hydrophilic functionality allowing for molecular dissolution in aqueous media may be broadly defined as water-soluble polymers. The hydrophilic functional groups may be neutral, anionic, cationic, zwitterionic, or a combination of such groups, and the materials may be homopolymers, block copolymers, statistical copolymers etc with well-defined, or non-well-defined molecular characteristics such as Mn and composition. Such materials may exhibit an impressive range of aqueous solution behaviours including, for example, upper and lower critical solution temperatures, the ability to serve as viscosifying agents above a critical concentration, biocompatibility, the ability to undergo self-directed assembly, and stimuli responsive characteristics that may be manifested in a variety of manners.

Guest Editor

Prof. Dr. Andrew B. Lowe

Nanochemistry Research Institute, Department of Chemistry, Faculty of Science & Engineering, Curtin University, Perth, WA 6102, Australia

Deadline for manuscript submissions

closed (31 July 2011)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/1193

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

MDPI

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)