Special Issue

New Progress in Polymer Self-Assembly

Message from the Guest Editor

Polymer self-assembly is one of the bridges connecting chemical science and biological science, as a large number of vital movements are dependent on the self-assembly of biomacromolecules such as polysaccharides, proteins, and nucleic acids. Moreover, polymer self-assembly is also a powerful tool that can be used to create functional materials. Therefore, polymer self-assembly has attracted extensive interest in the research community, including from chemists, biologists, and material scientists. This Special Issue aims to present the recent advances in the research on polymer self-assembly, including on new concepts, theories, methods, structures, and functions. Studies and reviews presenting original research on polymer self-assembly are of interest. Topics of interest include but are not limited to the following:

- Basic principles of polymer self-assembly;
- Newly self-assembled structures;
- Self-assembly of biomacromolecules;
- Supramolecular polymers;
- Polymer self-assembly outside of thermodynamic equilibrium;
- Functional structures and materials fabricated by polymer self-assembly.

Guest Editor

Dr. Guangtong Wang
School of Medicine and Health, Harbin Institute of Technology, Harbin 150080, China

Deadline for manuscript submissions

closed (5 September 2024)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/138418

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)