

Special Issue

Recent Advances in Self-Assembled Polymers and Dendronized Polymers

Message from the Guest Editors

Self-assembly involves the spontaneous aggregation of molecules into stable and ordered ensembles by non-covalent interactions. Benefiting from the dynamic nature of noncovalent interactions and relatively high stability of polymers, self-assembled polymers exhibit unique advantages in producing complexed functional materials and are found to have widespread applications in the field of tissue engineering, drug delivery vehicles, gels, membrane materials, catalysis, and so on. In this Special Issue, we aim to capture the cutting edge of the state of the art in research pertaining to self-assembled polymers and related materials. Contributions on the fabrication of supramolecular polymers, macromolecular self-assemblies, natural biomass polymers, dendronized polymers, and their related applications will constitute the backbone of this Special Issue. Theoretical studies on self-assembly are also welcome.

Guest Editors

Prof. Dr. Shuaiyuan Han

1. College of Materials Science and Engineering Key Laboratory of Bio-based Material Science & Technology, Northeast Forestry University, Harbin 150040, China

2. Ministry of Education Engineering Research Center of Advanced Wooden Materials, Ministry of Education, Northeast Forestry University, Harbin 150040, China

Prof. Dr. Jie Yang

Jiangsu Co-Innovation Center of Efficient Processing and Utilization of Forest Resources, College of Science, Nanjing Forestry University, Nanjing, China

Deadline for manuscript submissions

closed (30 April 2024)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/129731

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

[mdpi.com/journal/
polymers](https://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](https://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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

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