



Hierarchy in Polymer Structures and Related Properties (or Phenomena)

Guest Editors:

Prof. Dr. Shinichi Sakurai

Department of Biobased
Materials Science, Kyoto Institute
of Technology, Matsugasaki,
Sakyo-ku, Kyoto 606-8585, Japan

Prof. Dr. Kohji Tashiro

Department of Future Industry-
oriented Basic Science and
Materials, Toyota Technological
Institute, Nagoya, Japan

Deadline for manuscript
submissions:

closed (20 May 2019)

Message from the Guest Editors

Understanding of structure–property relationships in polymeric materials has been a central subject for several decades. Such relationships can be utilized for the development of functional and high-performance polymeric materials.

The significance of understanding the hierarchy in polymer structures is now being commonly recognized in many different fields of polymeric materials. Therefore, this Special Issue of *Polymers* is proposed, entitled “Hierarchy in Polymer Structures and Related Properties (or Phenomena)”.

- Hierarchical Structures in Block Copolymers
- Hierarchical Structures in Tires and Other Elastomeric Materials
- Hierarchical Structures in Crystalline Polymers
- Hierarchical Structures in Adhesive Materials
- Static Analyses of Hierarchical Structures
- In-situ Analyses of Changes in Hierarchical Structures under the Operating State of Polymeric Materials
- Control of Orientation of Hierarchical Structures
- Optical Properties in Relation with Hierarchy in Structure
- Mechanical Properties in Relation with Hierarchy in Structure
- Dynamics in Each Hierarchy of Structures
- Hierarchical Structures in Thin Films





polymers



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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 5.0.

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.

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 (*Polymers and Plastics*)

Contact Us

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)