

Special Issue

Confined Crystallization in Polymers

Message from the Guest Editor

The investigation of polymer properties in nanoconfined geometries has been a hot topic in polymer physics as well as in industry aspects during the past few decades because of the unusual behaviors of polymers within confinement when compared with those in bulk. Among the various behaviors of polymers, the kinetics and mechanism of crystallization within nanoconfinement are scientifically exciting and industrially relevant, because ultimate performances and applications of polymeric materials strongly depend on their crystallization behaviors. This Special Issue aims to focus on the recent advancements in experimental or theoretical investigations on the confined crystallization behavior of polymeric materials. Polymer crystallization within various types of confinements is of interest: polymer ultrathin films prepared by spin coating, multilayer films with two distinct alternating polymers produced by layer-multiplying coextrusion, polymers confined in organic/inorganic templates, microphase-separated block copolymers composed of a crystallizable block, etc. Both original articles and high-quality reviews are welcome.

Guest Editor

Prof. Chieh-Tsung Lo

Department of Chemical Engineering, National Cheng Kung University,
Tainan 701, Taiwan

Deadline for manuscript submissions

closed (30 April 2020)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/32801

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

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)