

Topical Collection

Multi-Scale Polymer Processing

Message from the Collection Editor

Polymer processing is an important research field with many applications in various industrial sectors. A traditional focus has been on macroscale processing research, at the scale of the processing unit such as the extruder or injection molding equipment. At a fundamental level, polymer processing has a strong multiscale character, and therefore, the consideration of smaller scales and the connection to these smaller scales is crucial. The goal of this Topical Collection is to make this multiscale aspect clear. Contributions should either focus on a specific scale or connect scales. Examples of associated topics are polymer rheology, 3D printing and additive manufacturing, extrusion, injection molding, reactive processing, multiscale design, flow simulations, morphology control, and durability.

Collection Editor

Prof. Dr. Dagmar R. D'hooge

Centre for Textiles Science and Engineering, Ghent University,
Technologiepark 70a, 9052 Ghent, Belgium



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/60122

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 4.7.

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)