

## Special Issue

# Multiscale Simulation and Modeling in Polymers

### Message from the Guest Editors

Section Multiscale Simulation and Modelling in Polymers in the journal *Polymers* aims to rapidly publish high-quality contributions reporting on novel research findings regarding computational studies of the physico-chemical-mechanical of the polymeric system. This Special Issue focuses on the use of multiscale simulations and molecular modelling to investigate the interfacial, confinement, and bulk phenomena in bio, sustainable polymers, and polymeric nanocomposite systems exposed to different external conditions. We encourage the submission of manuscripts addressing key challenges faced in the area of polymer science, such as sustainability, energy, the environment, membranes, and drug delivery technology, welcoming all types of article, communication, and review papers.

### Guest Editors

Prof. Dr. Melissa A. Pasquinnelli

Dr. Farzin Rahmani

Dr. Erol Yildirim

### Deadline for manuscript submissions

closed (15 June 2023)



## Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/106744](https://mdpi.com/si/106744)

*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto: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)