

# Special Issue

## Kinetics of Polymerization Reactions

### Message from the Guest Editor

This Special Issue is planned to bring together a number of original papers and reviews covering (but not restricted to) the following topics:

- Modeling of radical or step polymerization reactions;
- Development of advanced experimental techniques for measuring the kinetics of polymerization;
- Controlled/living radical polymerization:
  - Kinetics of reversible addition–fragmentation transfer (RAFT) polymerization;
  - Kinetics of atom transfer radical polymerization (ATRP);
- Solid-state polycondensation kinetics;
- Photo-polymerization kinetics;
- Effect of diffusion-controlled phenomena on the kinetics of polymerization reactions;
- Kinetics of co- or multicomponent polymerizations;
- Nonisothermal polymerization kinetics;
- Kinetics of crosslinking polymerization;
- Effect of nanoparticles on the polymerization kinetics of conventional monomers;
- Polymerization kinetics of gel-forming materials.

### Guest Editor

Prof. Dr. Dimitris S. Achilias

Department of Chemistry, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

### Deadline for manuscript submissions

closed (31 December 2019)



## Polymers

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/24239](https://mdpi.com/si/24239)

*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 4.9.

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)