

Special Issue

Recent Advancement in Polymerization Kinetics

Message from the Guest Editors

Dear Colleagues. Nowadays, different polymerization techniques are applied to obtain polymers with unique properties suitable for various applications ranging from high- performance engineering plastics, packaging, energy storage materials, and biomedical applications. Polymers are synthesized by precision methodologies to improve and control their properties such as controlled/living radical polymerization, polycondensation, ring-opening polymerization or superacid catalyzed polyhydroxyalkylation, amongst others. However, their polymerization kinetic behavior can be carried out under a wide range of conditions. Thus, it is important to understand how reactions proceed over time. This information can help us to designing and being able to predict material structure and morphology and obtain new materials with tailored characteristics. The aim of this Special Issue is to highlight the current advances in novel and controlled polymerizations with a strong focus on the associated kinetics and reaction mechanism.

Guest Editors

Dr. Manuel Aguilar Vega

Materials Unit, Centro de Investigación Científica de Yucatán A.C.,
Mérida 97205, Mexico

Dr. María Ortencia González-Díaz

Centro de Investigación Científica de Yucatán A.C., Mérida 97205,
Mexico

Deadline for manuscript submissions

closed (20 October 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/145205

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)