

## Special Issue

# Polymer Thin Films: Synthesis, Properties, and Multifunctional Applications

### Message from the Guest Editor

This Special Issue, titled “Polymer Thin Films: Synthesis, Properties, and Multifunctional Applications”, is intended as a comprehensive collection of the most recent studies regarding the synthesis, characterization, and applications of some of the most versatile and cost-efficient thin films, namely those made of polymers. Different types of polymer-based materials will be the focus of this Special Issue (containing studies on pure, mixed, and composite materials). Studies exploring various deposition techniques, both physical and chemical, in open air, vacuum, or in a controlled atmosphere, are welcome for submission. Studies exploring main physical properties of polymer-based are also welcome for submission, leading to improved knowledge regarding their composition, structure, and morphology assessments, properties, parameters (optical, electrical, gas sensing, gas capture, etc.), and their potential uses in various fields, i.e., materials, environmental science, engineering, energy production, medicine, and microelectronics. This Special Issue will act as a bridge between fundamental research and engineering of polymer-based materials.

### Guest Editor

Dr. Simona Condurache-Bota

Faculty of Sciences and Environment, Universitatea Dunarea de Jos din Galati, Galati, Romania

### Deadline for manuscript submissions

28 February 2026



## Polymers

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/249385](https://mdpi.com/si/249385)

*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)