

Special Issue

Polymer Semiconductors for Flexible Electronics

Message from the Guest Editor

This Special Issue, entitled “Polymer Semiconductors for Flexible Electronics”, aims to focus on the latest advancements, challenges, and future prospects of using polymer-based materials in next-generation flexible electronic devices. Flexible electronics have gained significant attention due to their potential for wearable technologies, foldable displays, electronic skins, and lightweight solar cells, and polymer semiconductors are at the heart of these innovations. This Special Issue aims to focus on the state of the art and key challenges in the field of organic semiconductors, with a particular focus on the design and synthesis of high-performance polymer semiconductors, flexible organic field-effect transistors, flexible organic photovoltaics, flexible light-emitting devices, wearable sensors and biomedical devices, and manufacturing techniques.

Guest Editor

Dr. Youngjun Yun

School of Nano Convergence Technology, Hallym University,
Chuncheon, Republic of Korea

Deadline for manuscript submissions

31 October 2025



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/220034

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)