

Special Issue

Conjugated Polymer Networks

Message from the Guest Editor

Conjugated polymer networks (CPNs) are a fascinating class of materials that combine the electronic properties of conjugated polymers with the mechanical robustness and stability of cross-linked systems. They are promising for applications such as organic photovoltaics (OPVs), light-emitting diodes (OLEDs), sensors, field-effect transistors (OFETs), and electrochromic devices. Their structural versatility enables precise tuning of optoelectronic properties, charge transport, and environmental stability through the chemical design of the backbone, side chains, and cross-linking strategies. This Special Issue aims to present recent advances in the synthesis, characterization, processing, and application of CPNs. Topics include innovative synthetic routes, structure–property relationships, nanostructuring techniques, and device integration. Contributions on green processing methods, self-healing materials, and applications in bioelectronics and energy storage are also welcome. Both original research articles and reviews are encouraged.

Guest Editor

Prof. Dr. Maria de Fátima Vieira Marques

Institute of Macromolecules Eloisa Mano, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

Deadline for manuscript submissions

closed (30 November 2025)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/240904

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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für
Polymermaterialien und Polymertechnologie, Universität Potsdam,
Geiselbergstraße 69, 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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)