Special Issue

Electrospinning Techniques and Advanced Polymer Textile Products

Message from the Guest Editor

Electrospinning techniques are defined by the European Commission as a key enabling technology used to produce fabrics with superior properties. This method produces synthetic or natural nanofibers from various, possibly recycled, biomaterials and polymers. By incorporating (bio)active agents, (nano)particles, and other auxiliary components, textiles with enhanced functional attributes can be crafted. This broadens their potential use across diverse domains, from biomedical textiles to sensory fabrics. This Special Issue aims to chronicle the experimental and theoretical advancements in the field of fibrous advanced polymer textile, with a focus on their synthesis, characterization, functional properties, and innovative applications.

Guest Editor

Dr. Enrica Chiesa

Department of Drug Sciences, University of Pavia, Via Taramelli 12, 27100 Pavia, Italy

Deadline for manuscript submissions

closed (31 July 2025)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/188923

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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

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)

MDPI