Special Issue

Multifunctional Application of Electrospun Fiber

Message from the Guest Editor

Electrospinning technique is a strong tool to fabricate one-dimensional (1D) polymer micro/nanofibers and their derived nanotubes, metallic and ceramic nanofibers, and other 1D hybrid materials. Compared with other 1D material fabrication techniques, electrospinning is facile, effective, low-cost, and highly versatile. Owing to their advanced features, the obtained 1D fibrous materials have been applied in many promising applications, such as filtration, biomedicine, electronic/photonic devices, food packaging, sensors, environmental remediation, catalysis, energy harvesting/conversion/storage, electromagnetic interference shielding, etc. Over the past twenty years, remarkable progress has been made regarding the electrospinning technique and the electrospun fiber materials. This Special Issue focuses on the latest original results about the novel electrospun fiber materials and their various promising applications. It is our pleasure to invite you to submit a manuscript for this Special Issue. Full articles and review articles are all welcome.

Guest Editor

Dr. Rui Zhao

Faculty of Chemistry, Northeast Normal University, Changchun 130024, China

Deadline for manuscript submissions

closed (25 February 2025)

Polymers

an Open Access Journal by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed

mdpi.com/si/178840

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 4.9.

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, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

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