

Special Issue

Advances in Polymers: From Fabrication Technologies to Applications in Biotechnology and Biomedicine

Message from the Guest Editors

This Special Issue invites contributions that highlight breakthroughs in polymer synthesis (e.g., bio-inspired and sustainable polymers), advanced processing techniques like electrospinning and 3D printing, and functionalization strategies to meet the growing demands of the biomedical and biotechnological fields.

Keywords

polymer-based high-performance materials
polymer-based composites
bio-inspired and sustainable polymers
structure-property relationships
surface physics and chemistry
materials processing and design
electrospinning and 3D printing techniques
membranes
antimicrobial coatings
wearable sensors
environmental applications

Guest Editors

Dr. Anca Filimon

Polycondensation and Thermostable Polymers Department, "Petru Poni" Institute of Macromolecular, Grigore Ghica Voda Alley 41A, 700487 Iasi, Romania

Dr. Lavinia Lupa

Faculty of Chemical Engineering, Biotechnologies and Environmental Protection, University Politehnica Timisoara, 300223 Timisoara, Romania

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

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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

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