Special Issue

Polymer Nanofibers and Fiber Composites

Message from the Guest Editor

Polymers in the form of nanofibers are expected to have unique properties, including high specific surface area, high porosity, flexible mechanical properties, and conductive properties. Considerable efforts have been made to develop nanofibers from both natural and synthetic polymers using various synthetic strategies including interfacial polymerization, electrospinning, physical or chemical treatment, and self-assembly. In addition, fibers are now being used as reinforcements in a variety of matrices to form fiber composites. Overall, fibers, whether nanofibers or reinforced, are playing an important role, particularly the bio-based ones. Therefore, this Special Issue invites scientists to submit their research on the synthesis and application of nanofibers and fiber composites, thereby sharing their invaluable insights with the wider community. The aim of this Special Issue is to highlight all the efforts being made to produce new, green and sustainable biomaterials, including the recycling process of the starting or end products.

Guest Editor

Dr. Anastasia Anceschi

1. CNR-STIIMA, Italian National Research Council, Institute of Intelligent Industrial Technologies and Systems for Advanced Manufacturing, Corso G. Pella 16, 13900 Biella, Italy
2. Chemistry Department, University of Turin, V. P. Giuria 7, Torino, Italy

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

mdpi.com/journal/polymers

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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

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