Special Issue

Electrospinning Techniques and Advanced Textile Materials

Message from the Guest Editors

Electrospinning is relatively inexpensive, environmentally friendly technique for the fabrication of nanofibers from a polymer solution, emulsion or melt, with high surface area-to-volume ratio and unique chemical and physical properties such as small pore sizes, highly open porosity and interconnected porous structure. By the addition of (bio)active substances, (nano)particles, functional dyes, etc. into the spinning polymeric matrix, the unique fibers' functionalities can be obtained broaden their application to diverse fields. In these cases, the spinning procedure is more complicated, and thus, need to be properly studied in terms of process parameters regarding the final tailored properties. This Special Issue aims to cover the most recent experimental and theoretical developments in the field of advanced nanofibrous textile materials with focus on their fabrication, structure, characterization, functional properties, and applications.

Guest Editors

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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 4.7.

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
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