Special Issue

Polymer Man-Made Fibers for Technical Applications

Message from the Guest Editors

This Special Issue is dedicated to the implementation, analyses, and characterization of man-made polymer fibers. The objective is to publish new research activities in the development of chemical fibers (artificial and synthetic) through the various existing processes that impact the properties of the fibers. For that, the implementation in melt processes (melt spinning, melt coating, bi-or multi-component spinning) and in solvent processes (wet, dry, gel, electro-spinning) is of interest, including the functionalization of fibers via these various processes. In terms of fibrous materials formed, synthetic petroleum-based polymers, biopolymers, as well as natural polymers can be discussed. Their functionalization can be achieved either through the spinning process itself, or through formulation using nanoparticles, polymer blends, or a post-treatment of the yarn. Particular attention can be given to the specific characterization of the obtained fibers, allowing to link the process parameters to the obtained properties.

Guest Editors

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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

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