

Special Issue

Advances in Polymer Fiber and Textiles

Message from the Guest Editors

The transformation of polymeric materials into fibers has revolutionized the textile industry. Synthetic fibers not only offer a solution to some of the shortcomings of natural fibers but they have also made it possible to design textile fabrics for use in new and high-performance applications. This Special Issue on “Advances in Polymer Fiber and Textiles” aims to collate state-of-the-art research on high-performance fibers (hollow fiber membrane, radiation fiber, etc.), fabrics, and functional textiles. Topics of interest include, but are not limited to, novel polymer fibers and textiles manufacturing technology, the characterization of new structures, and new applications of polymer fibers and textiles. We invite you to submit research articles or reviews in these areas with special emphasis on multidisciplinary applications of science, engineering, and technology. **Keywords:**

- advanced polymer science
- advanced polymer technology
- advanced polymer engineering
- high-performance fibers
- functional textiles
- technical textiles
- smart textiles

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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

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