

Special Issue

Polymer-Based Electrospun Fibers: Advancements, Applications, and Future Prospects

Message from the Guest Editors

Electrospun polymeric fibers have gained significant attention due to their versatility, tunable properties, and wide-ranging applications. This Special Issue explores recent advancements in electrospinning techniques, novel polymer-based materials, and the structural optimization of fibers with enhanced functionalities. Key applications including, but not limited to, biomedical engineering, packaging, environmental remediation, and smart textiles are welcome to be submitted, along with emerging trends in multi-material and nanostructured fibers and yarns. By bringing together cutting-edge research, this Special Issue aims to foster progress in the field of polymer-based electrospun fibers and inspire novel and green uses in advanced engineering applications.

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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

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