Special Issue

Advances in Applications and Sustainability of Electrospinning

Message from the Guest Editors

Electrospinning is a feasible processing technique to fabricate nano-scale polymer fibers that construct non-woven fabrics with high surface areas, porosity, and mechanical flexibility. It is highly desirable to develop the applications of electrospinning, expanding its advantages in customizing versatile properties and functionalities to meet different requirements. This also contributes to the scalable application of electrospinning in reality. On the other hand, there is an urgent need to “revise” traditional polymer materials for better sustainability. For electrospinning, the current status is that petrochemical or non-biodegradable polymers (e.g., polyacrylonitrile (PAN)) and toxic or environmentally hazardous organic solvents (e.g., chloroform and dimethylformamide (DMF)) are commonly involved. However, applying natural polymers or eco-friendly processing systems faces the challenge of processability in practice, which requires innovative improvement of the spinning process (e.g., core-shell(CS) electrospinning). Here, we invite you to contribute to this Special Issue of *Polymers*.

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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

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