

Special Issue

Polymer Materials for Triboelectric Power Generation

Message from the Guest Editors

Polymers have pConvenient microscale self-powered devices are highly desirable and meaningful for portable and wearable electronics in modern life.layed a vital role in our life dur to their fascinating properties and promising applications in various fields. Recognizing the significance of microstructure, compositions, as well as the assembled methods in understanding the properties of the TENGs and flexible sensors under varied conditions, this Special Issue of Polymers invites contributions addressing several aspects of the development of novel TENGs, such as the study of the hierarchical microstructure, polymer composites, the assembled strategies, as well as new theoretical developments and simulations of modeling to satisfy the working principles of developed TENGs. The above list is only indicative and by no means exhaustive; any original experimental and theoretical or simulation work or review article on the role of TENGs is welcome. We hope that these contributions will address a variety of systems, including polymer nanocomposites, polymer blends, polymer hydrogels, as well as multicomponent polymeric systems.

Guest Editors

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Deadline for manuscript submissions

closed (25 April 2023)



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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 4.9.

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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