

Special Issue

Advances in Energy Harvesting Based Piezoelectric Polymers

Message from the Guest Editors

Energy-harvesting technologies have grown rapidly over the last two decades as an alternative to conventional power sources (e.g., batteries) for low-power electronic devices. They are under investigation for new applications such as actuators, vibration control, ultrasonic transducers, sensors, ferroelectret devices, energy-conversion devices, speakers, microphones, keyboards, and thermal and optical property measurement devices. Piezoelectric-materials-based polymers have been receiving increasing attention in comparison to ceramic-based polymers because of their low manufacturing cost, ease of processing, suitable voltage with sufficient power output, and the possibility of producing very thin and flexible films with low density. Cellular thermoplastic polymers can present piezoelectric-like behavior through internal charging by submitting the material to an external high electric field. It is our honor to announce the launch of this Special Issue entitled “Energy-Harvesting-Based Piezoelectric Polymers” and invite researchers to contribute their review and research reports on related topics.

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

Prof. Dr. Alexander Böker

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