Special Issue

Polymer-Based Thermoelectric Composites and Flexible Devices

Message from the Guest Editor

This Special Issue focuses on polymer-based thermoelectric composites and flexible devices. Thermoelectric materials offer a way to convert waste heat into electrical power based on the Seebeck effect, and therefore, flexible thermoelectric materials show great potential in generating electric energy for wearable electronics, e.g., sensors, watches, etc. In recent years, there has been a continuously growing interest in the development of polymer-based thermoelectric materials and flexible devices, since the particular features of polymers include having low thermal conductivity, being easy to synthesis, being lightweight, having abundant raw materials, etc. Many strategies, e.g., adjusting the oxidation level of polymers, modulating nanostructures and constitutes of polymer-based thermoelectric materials, and adjusting geometries of thermoelectric devices, were used for enhancing the thermoelectric properties of the polymer-based thermoelectric materials and flexible devices.

Guest Editor

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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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