



## Polymers for Thermoelectric Application

Guest Editors:

**Prof. Dr. Qichun Zhang**

School of Materials Science and Engineering, Nanyang Technological University, Singapore City, Singapore

**Prof. Dr. Guangming Chen**

College of Materials Science and Engineering, Shenzhen University, 518055 Shenzhen, China

**Prof. Dr. Haoli Zhang**

State Key Laboratory of Applied and Organic Chemistry, Lanzhou University, Lanzhou, China

Deadline for manuscript submissions:

**closed (5 August 2018)**

### Message from the Guest Editors

Polymers (organic or inorganic-hybrid) and polymer composites have great potential in green energy conversion due to being lightweight, having an inexpensive process, intrinsic low thermal conductivity and mechanical flexibility. In the arena of next-generation of flexible energy-conversion devices, polymer-based thermoelectric should be promising.

This Special Issue is concerned with design, simulation, synthesis, characterization and applications of polymer-related thermoelectric (including conjugated polymers, inorganic-organic polymers, and polymer composites), trying to understand how the morphology, nanostructures, and compositions to affect their performance. Topics may include synthesis, characterization, theoretical study, nano-engineering, morphology study and thermoelectric application.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
University of Potsdam, 14476  
Potsdam-Golm, Germany

## 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 5.0.

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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)

## Contact Us

---

*Polymers* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/polymers  
polymers@mdpi.com  
X@Polymers\_MDPI