

Special Issue

High-Performance Thermally Conductive Polymer Composites

Message from the Guest Editors

Polymer-based materials are attractive candidates for thermal management because of their light weight, flexibility, and easy processability. However, the inferior thermal conductivity of polymers due to their amorphous structure or weak interchain interactions creates a huge obstacle for efficient thermal conduction. This Special Issue focuses on the selection of more effective materials, and the construction of diversified new systems with high-performance thermal fillers, in order to achieve both ideal thermal conductivity and absorbing properties, as well as other comprehensive properties to meet the application requirements. The aim of this Special Issue is to provide new strategies for the innovative design of thermal conductive composites and expand the application prospects of polymer composites in the field of thermal management.

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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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