







an Open Access Journal by MDPI

Thermal Behavior of Polymer Materials II

Guest Editors:

Dr. Xuelong Chen

Dr. Shuguang Bi

Dr. Sijun Liu

Prof. Dr. Shiwei Wang

Dr. Liying Zhang

Deadline for manuscript submissions:

30 September 2024

Message from the Guest Editors

The way in which a polymer responds to external thermal energy is critical as it is closely related to its processing and applications. Therefore, when using polymer materials, their thermal properties, such as thermal stability, thermal transition, and thermal conductivity, are always in the top considerations. In recent vears. polymers extraordinary thermal properties have been extensively researched due to the pressing demand from various fields. For example, high-temperature-resistant polymers have created many new opportunities for applications in aerospace, automobiles and coatings; polymers with reversible thermal behaviors could be synthesized into multifunctional intelligent materials; highly thermally conductive polymers are desirable for electronic/electrical packaging, thermal interface materials and adhesives, while some low thermal conductivity polymeric materials as high-performance thermoelectric be used materials

In this Special Issue, we call for academic publications on scientific advancements in the area of the thermal properties of polymer materials.













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 (Polymers and Plastics)

Contact Us