



Recent Developments on Calorimetry and Thermal Analysis of Polymers and Nanocomposites

Guest Editors:

**Prof. Dr. Stefano Vecchio
Cipriotti**

Department of Basic and Applied
Science for Engineering,
Sapienza University of Rome,
00185 Roma, RM, Italy

Dr. Daniele Cangialosi

Centro de Física de Materiales
(CFM), CSIC, Spain

Deadline for manuscript
submissions:

closed (31 March 2021)

Message from the Guest Editors

This Special Issue focuses on recent developments in research on the use of thermal analysis and calorimetry techniques to characterize polymeric and composite materials for many kinds of possible applications and model systems to provide insights into fundamental science. In the last decades, a huge number of studies on thermal behavior of different classes of organic, inorganic, and hybrid materials have been conducted with a view to assessing their thermal stability and phase transformation behavior, or to determine the best temperature(s) of their thermal treatment to induce in them specific properties.

In particular, we encourage the submission of papers that discuss the latest research in the area of fundamental aspects as well as topics of technological interest where thermal analysis can deliver information of utmost importance. The scope of this Special Issue encompasses the synthesis and structural, morphological, and thermal characterization of polymers, nanocomposites, and hybrid- and polymer-based materials used for different promising applications.





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

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)