



Thermal Analysis of Polymer Materials

Guest Editors:

Prof. Dr. T. M. Indra Mahlia

School of Civil and
Environmental Engineering,
University of Technology Sydney,
Ultimo, NSW 2007, Australia

Dr. Md Mofijur Rahman

Centre for Technology in Water
and Wastewater, School of Civil
and Environmental Engineering,
University of Technology Sydney,
Ultimo, NSW 2007, Australia

Dr. Muhammad Roil Bilad

Department of Chemical
Engineering, Universiti Teknologi
Petronas, Seri Iskandar 32610,
Malaysia

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Message from the Guest Editors

Thermal analysis is an important characterization tool in the field of materials sciences because specific physico-chemical properties of synthetic polymers, bio-based polymers, nanomaterials, materials and biomaterials can be determined through thermal analysis. The thermal analysis of materials encompasses a variety of methods including differential scanning calorimetry (DSC), thermogravimetric analysis (TGA), thermomechanical analysis (TMA), dynamic mechanic analysis (DMA), dielectric thermal analysis (DTEA), isothermal titration calorimetry (ITC) and heat transfer analysis to detect changes in material properties as a function of temperature.

This Special Issue will provide readers with up-to-date research on recent progress in the thermal analysis field and polymer processing into more applied materials such as polymeric membranes on polymer-based materials from different perspectives, including but not limited to materials sciences, thermal behaviour, kinetics and thermodynamics. Contributions on synthetic polymers, bio-based polymers, nanomaterials, polymer-based materials and biomaterials, polymer characterization, processing, and application are of interest.





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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 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.

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
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