

Special Issue

Polymers for Thermal Energy Conversion and Storage

Message from the Guest Editors

This Special Issue focuses on the current state-of-the-art of polymers for thermal energy conversion and storage. Polymers are increasingly finding applications in the areas of thermal energy conversion and storage. A number of recent advances in the control of the polymer molecular structure which allows polymer properties to be more finely tuned have led to these advances and new applications. This Special Issue on thermal energy conversion and storage aims to assimilate these advances through collecting papers on the synthesis and properties of a large number of polymer systems for applications in areas such as temperature regulation, heat transfer, residual heat storage, auxiliary heat storage, and solar energy storage and utilization. Papers are therefore sought that discuss the latest research in the area or summarize selected areas in the field. The scope of the Special Issue encompasses frontier-of-science contributions in synthesis, characterization, modelling, and the theory of polymers for thermal applications.

Guest Editors

Dr. Mohammad Mehrli

Dr. Sara Tahan Latibari

Dr. Mehdi Mehrli

Dr. Sepehr Talebian

Dr. Emad Sadeghinezhad

Deadline for manuscript submissions

closed (31 May 2020)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/29015

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)





Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



[mdpi.com/journal/
polymers](https://mdpi.com/journal/polymers)



About the Journal

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 4.9.

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

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

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)