



Aging Behavior and Durability of Polymer Materials

Guest Editors:

Prof. Dr. Ivana Salopek Čubrić
Department of Textile Design and
Management, University of
Zagreb, Zagreb, Croatia

Dr. Goran Čubrić
Department of Clothing
Technology, University of Zagreb,
Zagreb, Croatia

Prof. Dr. Abhijit Majumdar
Department of Textile and Fibre
Engineering, Indian Institute of
Technology Delhi, New Delhi
110016, India

Deadline for manuscript
submissions:
closed (31 December 2023)

Message from the Guest Editors

Polymer materials are widely used in different areas of human activity due to a number of favorable properties. However, the aging of materials at a certain level causes degradation in properties that directly affects the performance. The durability of polymeric materials is affected by a number of parameters, from the material properties, manufacturing parameters, type and level of aging, complex environmental conditions to the determinants of use, and more.

Recently, the interest of scientists is highly focussed towards the aging behavior of polymer materials, as well as durability issues. The development of adequate scientific methods, and procedures to foresee the long-term performance of polymer materials is ever going mission. This Special Issue aims at providing a platform for the discussion of achievements and challenges related to the aging and durability behaviour of polymers, and analysis of their properties that changed due to aging. It is also directed towards processes that will increase durability features in order to retain long-term performance.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Fraunhofer-Institut für
Angewandte Polymerforschung,
Lehrstuhl für Polymermaterialien
und Polymertechnologie,
Universität Potsdam,
Geiselbergstraße 69, 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 4.9.

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.

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)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](#)