

Special Issue

High Performance Textiles II

Message from the Guest Editors

High-performance textiles are one of the most recent advances in the textile and clothing industry. With input from eminent researchers in the field, this book contributes a critical overview of key advancement in the field. Chapters focus on the use of high-performance textiles in such areas as medicine, protective clothing, heat and fire protection, industrial filtration, geotextiles, civil engineering, and sustainable energy applications. They also focus on the evaluation of novel surface modification using nanoparticles, supercritical fluid, laser, and irradiation with electron beam and plasma technologies for a wide scope of high-performance textiles.

Guest Editors

Prof. Dr. Tarek M. Abou Elmaaty

Department of Material Art, Galala University, Galala 82822, Egypt

Dr. Maria Rosaria Plutino

Institute for the Study of Nanostructured Materials, ISMN-CNR, Palermo, c/o Department ChiBioFarAm, University of Messina, 98166 Messina, Italy

Deadline for manuscript submissions

closed (5 May 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/125445

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 4.7.

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.

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)