Special Issue

Smart Textiles—2nd Edition

Message from the Guest Editor

Smart textiles can be defined as those that can sense and react to environmental conditions or stimuli. Smart textiles can also be called interactive textiles, which is probably more of a reference to wearable electronics. Research into smart textiles can be divided into three basic categories: materials, structures, and systems. Materials, particularly polymers with special functions, such as those involving phase change, memory, conductivity, or optical and chromic phenomena, are the starting points. The structures of textiles can have a significant role in achieving designated functions. Smart textiles have their foundations in different research disciplines: textile design and technology, physics, chemistry, materials science and engineering, electronics, computer science, and wearable technology. The progress of sciences and technologies necessitates interdisciplinary interaction and collaboration between basic research and innovative applications. This Special Issue, titled “Smart Textiles—2nd Edition”, calls for papers regarding the scientific study of any fibers, fiber materials, fibrous structures, and applications of smart textiles.

Guest Editor

Prof. Dr. Jinlian Hu

Department of Biomedical Engineering, City University of Hong Kong, Hong Kong 999077, China

Deadline for manuscript submissions

15 May 2026

Fibers

an Open Access Journal by MDPI

Impact Factor 3.9
CiteScore 7.4

mdpi.com/si/250343

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

mdpi.com/journal/fibers

Fibers

an Open Access Journal by MDPI

Impact Factor 3.9
CiteScore 7.4

mdpi.com/journal/fibers

About the Journal

Message from the Editor-in-Chief

Fibers is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.
We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

Editor-in-Chief

Prof. Dr. Martin J. D. Clift
In Vitro Toxicology Group, Institute of Life Sciences 1, Swansea University Medical School (SUMS), Swansea SA2 8PP, Wales, UK

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Ei Compendex, PubAg, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Materials Science, Multidisciplinary) / CiteScore - Q1 (Civil and Structural Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.3 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the first half of 2025).