

Special Issue

Environmentally-sustainable Flame Retardant and Heat Resistant Fibres and Textiles

Message from the Guest Editor

This Special Issue invites papers that focus on environmental sustainability as it relates to heat and/or flame resistant fibre production and processing, and the influence these have on the final structures or products that comprise them. Specific areas include:

- Development of heat and/or flame resistant, fibre-forming biopolymers;
- Synthesis and application of biodegradable fibre-forming polymers with heat and/or flame resistance;
- Environmentally sustainable flame retardant additives and treatments –synthesis, processing and application;
- Development of high performance, heat and flame resistant fibres based on environmentally-sustainable precursors and processes (including ceramic-based and other inorganic fibres)

I hope that this Special Issue will provide both a snapshot of the state of knowledge within this area and a basis for future research.

Guest Editor

Prof. Dr. A. Richard Horrocks

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Deadline for manuscript submissions

closed (31 March 2019)



Fibers

an Open Access Journal
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Impact Factor 3.9
CiteScore 7.4



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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

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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).