

## 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.

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### Guest Editor

Prof. Dr. A. Richard Horrocks

Institute for Materials Research and Innovation, University of Bolton,  
Bolton, UK

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### Deadline for manuscript submissions

closed (31 March 2019)



## Fibers

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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.

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### 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

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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).