

Special Issue

Preparation and Application of Functional Fiber Materials

Message from the Guest Editors

Functional fiber materials, with their distinctive linear structure, play a critical role in bridging materials science with a broad range of engineering and scientific disciplines. As technology progresses, functional fibers are advancing towards the era of next-generation fibers, characterized by smart, green, and highly interdisciplinary developments. This Special Issue, 'Preparation and Application of Functional Fiber Materials,' provides a premier platform for presenting significant experimental, theoretical, and computational research on these materials. We invite high-quality contributions covering the entire lifecycle of these materials: from novel synthesis, manufacturing, and functionalization, to comprehensive characterization and their application in the development of transformative technologies. Original research, reviews, and perspectives that report fundamental breakthroughs, introduce new material systems or processes, or expand the utility of functional fibers are encouraged to advance this dynamic and evolving field.

Guest Editors

Dr. Fabien Salaün

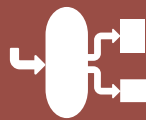
GEMTEX Textile Research Laboratory, Roubaix, France

Dr. Xiang Yan

Jiangxi Center for Modern Apparel Engineering and Technology,
Jiangxi Institute of Fashion Technology, Nanchang 330201, China

Deadline for manuscript submissions

30 September 2026



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/247963

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

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto
Department of Drug Science and Technology, University of Turin, Via P.
Giuria 9, 10125 Turin, Italy

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, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))