

Special Issue

Advanced Manufacturing Processes of Composite Materials

Message from the Guest Editor

Advanced composite materials are commonly used in many fields due to their excellent properties, such as being lightweight and having excellent mechanical strength. Manufacturing processes play an important role in the performance and cost of composite structures. Traditional autoclave forming processes have defects such as high cost, low efficiency, and limited forming shape. New additive technologies liberate thermoforming process constraints but usually have low mechanical strength. Novel manufacturing processes for composites are needed to improve both performance and efficiency. This Special Issue on “Advanced Manufacturing Processes of Composite Materials” seeks high-quality works focusing on the latest manufacturing processes for composites. Topics include, but are not limited to, the following:

- Hot-press molding processes;
- Additive manufacturing of composites;
- Process simulation and optimization;
- Integrated design of composites, structures, and processes.

Guest Editor

Dr. Yamin Li

State IJR Center of Aerospace Design and Additive Manufacturing/Northwestern Polytechnical University, Xi'an 710072, China

Deadline for manuscript submissions

25 March 2026



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/216237

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))