

Special Issue

New Trends and Processes in Nanofluids and Carbon-Based Nanoparticles

Message from the Guest Editors

The ceaseless development of our society is inextricably associated with improvements in industry and the design of new technologies, which measure themselves against the limitations that are produced by many factors. In order to maintain the current rate of economic growth, we must investigate new solutions and materials. One direction of innovation that offers many new opportunities is in nanofluids and carbon-based materials. Despite intensive research into both of these areas, we still do not possess sufficient knowledge to fully exploit the potential of these materials. Therefore, in this Special Issue, we invite the submission of papers that focus on new trends and processes in nanofluids and carbon-based materials, as well as their characterization and applications. This Special Issue welcomes contributions that are devoted to the processes involved in the preparation of nanofluids and carbon-based materials, their characterization and applications, as well as review papers that foreground these issues.

Guest Editors

Dr. Jacek Fal

Department of Physics and Medical Engineering, Rzeszów University of Technology, Rzeszów, Poland

Dr. David Cabaleiro

Department of Applied Physics, University of Vigo, 36310 Vigo, Spain

Deadline for manuscript submissions

closed (31 May 2025)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/170687

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))