

Special Issue

Synthesis, Characterization and Application of Nanoparticles

Message from the Guest Editors

Advances in the field of nanotechnology depend mainly on the development of new nanomaterials, and in their expanding the sphere of knowledge in the fundamental sciences and engineering. This presents us with a constant scientific and technological challenge, in which the gap between research and innovation is becoming increasingly smaller. With this purpose in mind, this Special Issue welcomes contributions that are devoted to the processes involved in the synthesis, characterization and application of nanoparticles, as well as review papers that showcase these issues.

Guest Editors

Dr. José Brant de Campos

Mechanical Engineering Department, Rio de Janeiro State University,
Rio de Janeiro 20940-200, RJ, Brazil

Dr. Suzana Bottega Peripolli

Mechanical Engineering Department, Rio de Janeiro State University,
Rio de Janeiro 20940-200, RJ, Brazil

Deadline for manuscript submissions

31 July 2026



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/237412

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))