

## Special Issue

# Advances in the Design, Synthesis and Applications of Nanostructured Materials

### Message from the Guest Editors

This Special Issue on “Advances in the Design, Synthesis and Applications of Nanostructured Materials” seeks high-quality works focusing on the latest advances in the synthesis and characterization of nanomaterials used in energy storage and generation and catalytic and electrocatalytic processes. Topics of interest include, but are not limited to, the following:

- The synthesis and electrosynthesis of nanostructured conducting polymers.
- The synthesis and electrosynthesis of nanomaterials with capacitive properties from wastes.
- The synthesis and electrosynthesis of metal–organic frameworks (MOFs).
- The synthesis and characterization of carbon-biobased nanostructures from unconventional raw materials.
- The application of nanomaterials in energy, biorefinery, catalysts, and electrocatalysts, among others.

---

### Guest Editors

Dr. Andrés Ramírez Ramírez  
Dr. María Eugenia González  
Dr. Mara Cea

---

### Deadline for manuscript submissions

15 May 2026



## Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/238415](https://mdpi.com/si/238415)

*Processes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[processes@mdpi.com](mailto: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))