

Special Issue

Preparation and Characterization of Hybrid Nanocomposites

Message from the Guest Editors

Hybrid nanocomposites have recently attracted the attention of researchers, with different mixtures of nanofillers being explored, including carbon nanotubes (CNTs) with carbon black, graphene with CNTs, and also combinations of both inorganic and organic nanofillers. Hybrid carbon nanostructures have emerged as a promising new class of materials attractive for potential applications in actuators, solar cells, field-emission devices, field effect transistors, supercapacitors, and batteries. This Special Issue on “Preparation and Characterization of Hybrid Nanocomposites” aims to curate novel advances in the development and application of hybrid nanocomposites consisting of combined organic and inorganic nanofillers that attempt to obtain a so-called “positive hybrid effect” in improving the functional properties of the final material. Topics include, but are not limited to:

- Development of new hybrid nanocomposites;
- Characterization of hybrid nanocomposites in the light of future applications;
- Correlation between the structure and morphology and the properties of hybrid nanocomposites.

Guest Editors

Dr. Sandra Paszkiewicz

Department of Materials Technologies, Faculty of Mechanical Engineering and Mechatronics, West Pomeranian University of Technology, 70-310 Szczecin, Poland

Dr. Zdeno Spitalsky

Polymer Institute, Slovak academy of Sciences, Dúbravská cesta 9, 84541 Bratislava, Slovakia

Deadline for manuscript submissions

closed (31 March 2021)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/31146

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))