



## Nanostructured Carbon Materials for Electrode Design

Guest Editors:

**Dr. Anna Ilnicka**

Faculty of Chemistry, Nicolaus  
Copernicus University, ul.  
Gagarina 11, 87-100 Torun,  
Poland

**Prof. Dr. Jerzy P. Lukaszewicz**

1. Faculty of Chemistry, Nicolaus  
Copernicus University, Gagarina  
7, 87-100 Torun, Poland  
2. Centre for Modern  
Interdisciplinary Technologies,  
Nicolaus Copernicus University,  
Wilenska 4, 87-100 Torun, Poland

Deadline for manuscript  
submissions:

**closed (20 March 2022)**

### Message from the Guest Editors

The Special Issue "Nanostructured Carbon Materials for Electrode Design" is devoted to high-quality and original research papers on carbon-based electrode processing (synthesis, manufacturing, heteroatom enrichment, structuring, and multidirectional characterization). Any investigations into the following properties of carbon electrode materials are welcome: chemical composition, specific surface area, pore size distribution, electric conductivity, the chemistry of the surface, the performance of standard electrochemical electrode reactions (ORR and water splitting potential), etc. The relation between carbon electrode properties and the performance of standard electrochemical devices (primary and secondary electrochemical cells, rechargeable and non-rechargeable air-metal batteries, symmetric and asymmetric supercapacitors, fuel cells, water splitting systems, etc.) is of great interest as a bridge between academia and real life.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Giancarlo Cravotto

Department of Drug Science and  
Technology, University of Turin,  
Via P. Giuria 9, 10125 Turin, Italy

## 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.

## 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:** JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

## Contact Us

---

Processes Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/processes](http://mdpi.com/journal/processes)  
[processes@mdpi.com](mailto:processes@mdpi.com)  
[X@Processes\\_MDPI](https://twitter.com/Processes_MDPI)