



Electrode Materials Synthesis and Uses in Chemical Engineering

Guest Editor:

Dr. Islam Mahmoud Al-Akraa

Chemical Engineering
Department, Faculty of
Engineering, The British
University in Egypt (BUE), El
Sherouk City, Suez Desert Road,
Cairo 11837, Egypt

Deadline for manuscript
submissions:

closed (20 June 2023)

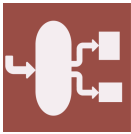
Message from the Guest Editor

The field of chemical science and engineering is currently full of new materials and novel preparation processes with a wide range of applications. The nanotechnology revolution has facilitated the fast technological transfer of newly developed materials with attractive physical and chemical properties into real applications in electronics, water treatment, electrocatalysis, energy storage and conversion. In particular, catalysis by such attractive materials has found diverse applications in chemical science and engineering because of their fascinating properties that allow their use as catalytic mediators.

This Special Issue on “Electrode Materials Synthesis and Uses in Chemical Engineering” seeks high-quality works focusing on the latest novel preparation processes and characterization techniques of electrode materials and their applications in chemical science and engineering. Topics include, but are not limited to:

- Electrode materials preparation processes;
- Electrode materials characterization techniques;
- Electrode assembly;
- Electrode materials’ applications in chemical science and engineering;
- Catalysis;
- Electrocatalysis.





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

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)