



Application of Metal-Based Nanoparticles in Electrochemical Systems

Guest Editors:

Dr. Adina ARVINTE

“Petru Poni” Institute of
Macromolecular Chemistry,
Centre of Advanced Research in
Bionanoconjugates and
Biopolymers, 700487 Iasi,
Romania

Dr. Laura Micheli

Department of Chemical Science
and Technologies, University of
Rome Tor Vergata, 00133 Rome,
Italy

Deadline for manuscript
submissions:

closed (25 September 2022)

Message from the Guest Editors

This Special Issue, “Application of Metal-Based Nanoparticles in Electrochemical Systems”, seeks high-quality works focusing on novel advances in the synthesis, properties, and application of metal-based nanoparticles related to electrochemistry. Topics include, but are not limited to:

- Electrosynthesis, green synthesis, and characterization of metal nanoparticles;
- Surface functionalization of electrodes;
- Electrode/electrolyte interfaces;
- Redox properties of metal-based nanoparticles;
- Electrochemical performance of metal-based nanoparticles.





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)