

Special Issue

Carbon-Based Materials for Electrochemical Applications

Message from the Guest Editors

In this Special Issue, we would like to collect high-quality papers on the topic of “Carbon-Based Materials for Electrochemical applications”. Carbon-based materials (CBMs) have become important in various fields, such as electronics, (bio)sensors, fuel cells, energy conversion/storage, remediation of pollutants, delivery tools, etc. This is due to their outstanding properties, such as large specific surface areas, high acid stability, high electrical and thermal conductivity, good biocompatibility, and anti-biofilm ability. This Special Issue covers the synthesis, characterization, and electrochemical application of any carbon-based material and its composites. We invite researchers to present original research papers (theoretical or experimental), reviews, or communications on carbon-based nanomaterials in different electrochemical applications. Original works must include the use of CBMs from graphite, carbon nanotubes, graphene and its derivatives, fullerenes, to biomass based on carbon.

Guest Editors

Dr. Paulina Sierra-Rosales

Instituto Universitario de Investigación y Desarrollo Tecnológico (IDT),
Universidad Tecnológica Metropolitana, Santiago, Chile

Prof. Dr. Soledad Bollo

Advanced Center for Chronic Diseases (ACCDiS), Facultad de Ciencias
Químicas y Farmacéuticas, Universidad de Chile, Santiago, Chile

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Micromachines
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
micromachines@mdpi.com

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Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Nam-Trung Nguyen

Queensland Quantum and Advanced Technologies Research Institute,
Griffith University, West Creek Road, Nathan, QLD 4111, Australia

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