

Special Issue

New Trends in Electrochemical Detection

Message from the Guest Editors

This Special Issue is dedicated to the challenges and rapid progress in electrochemical detection.

Electrochemical methods and low-cost sensors are attractive analytical tools for field detection. These are considerable challenges that our present world is not ready to fulfill with its current technologies. New technologies will have to be envisioned for the efficient management of the considerable fluxes required, and to this end, electrochemistry seems to provide some of the most promising and versatile approaches.

Electrochemistry will be involved in solar cells and electrolytic cells to produce hydrogen through water electrolysis or the reductive recycling of carbon dioxide, supercapacitors, and batteries for the storage of electricity produced intermittently by solar cells and windmills, in the use of electrons as chemical reagents, and so on. Progress is also observed for manufacturing process quality monitoring, health diagnostics, environment analysis and chemical process control.

Guest Editors

Dr. Younes El Kacimi

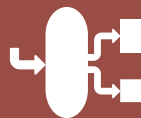
Advanced Materials and Process Engineering, Université Ibn Tofail, Kénitra 14000, Morocco

Dr. Khaoula Alaoui

Advanced Materials and Process Engineering, Université Ibn Tofail, Kénitra 14000, Morocco

Deadline for manuscript submissions

closed (10 May 2024)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/181420

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))