



New Trends in Electrochemical Detection

Guest Editors:

Dr. Younes El Kacimi

Advanced Materials and Process
Engineering, Ibn Tofail University,
Kenitra 14000, Morocco

Dr. Khaoula Alaoui

Advanced Materials and Process
Engineering, Ibn Tofail University,
Kenitra 14000, Morocco

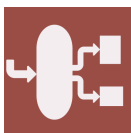
Deadline for manuscript
submissions:

closed (10 May 2024)

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.





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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

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Contact Us

Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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