



New Trends in Electrochemical Detection

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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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Message from the Editor-in-Chief

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