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Electrochemical Sensors and Microelectronic Devices for Ionic Analytes

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Electrochemical sensors targeting ionic and polyionic analytes have become increasingly important due to their potentially wide applications in biomedicine and environmental monitoring. In recent years, much effort has been made to further expand the library of available electrochemical sensors and target new applications.

This Special Issue welcomes novel perspectives and discoveries in the field of electrochemical devices for ionic analytes, demonstrating new sensing capabilities or presenting interesting applications. Both review articles and original research papers will be considered in but not limited to the following areas:

- Novel electrochemical sensors for ionic and polyionic analytes;
- Enabling technologies based on electrochemical devices;
- Sensor networks and their transformative applications;
- New materials for bio-related electrochemical sensors;
- Applications of electrochemical sensors in environment monitoring;
- Digital health and clinical studies targeting ionic analytes.





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Message from the Editor-in-Chief

Prof. Dr. Nicole Jaffrezic-Renault

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