

## Special Issue

# Electron or Ion Transport in Electrochemistry

### Message from the Guest Editor

The development of sustainable energy is one of the major challenges facing our society. Devices based on solid oxide fuel cells (SOFCs) and solid oxide electrochemical cells (SOECs) can play a fundamental role. MIECs have recently been proposed for SOFC and SOEC applications.

This Special Issue aims to address the challenges related to the study, development, and applications of MIECs. Therefore, contributions addressing topics such as oxide ionic conductivity, photo-enhanced electronic ionic conductivity, electrochemical conversion, CO<sub>2</sub> reduction, water splitting, and electrochemical devices for energy conversion and storage are welcome, as well as review articles aiming to provide a snapshot of the field.

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### Guest Editor

Dr. Simone Sanna

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### Deadline for manuscript submissions

25 September 2026



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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