

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, CO₂ 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.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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