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Analysis of Electrode Materials

Guest Editor:

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Deadline for manuscript submissions:
closed (20 August 2023)

Message from the Guest Editor

Dear Colleagues,

Membrane electrodes are a core component of most electrochemical energy conversion systems. Their materials and structures directly determine the performance of the system. Understanding the kinetics of membrane electrodes is highly desired for developing new electrode materials and structures, which is also vital for the wide commercialization of electrochemical energy conversion systems with membrane electrodes.

- New electrode materials, structures, and methodologies
- Kinetic analyses in membrane electrode materials
- Numerical modeling of electrode materials and membrane electrodes
- Ex situ and in situ measurement of electrodes or electrode materials
- Potential or novel catalysts for membrane electrode materials
- Characterization of electrode materials in three-electrode cells or electrochemical devices
- Large-scale production of membrane electrode materials

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Message from the Editor-in-Chief

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