Special Issue

Advanced Earth-Abundant Catalysts for Energy Related Electrochemistry

Message from the Guest Editors

This Special Issue aims to compile a set of manuscripts about advanced electrocatalysts composed of earth-abundant elements for energy related electrochemical reactions, including hydrogen evolution, CO2 reduction, ammonia production, and the related anodic reactions. Additionally, we are also interested in new mechanistic insights into catalysts using in situ/operando characterization. The combination of various techniques is expected. Keywords

- water splitting
- CO2 reduction
- ammonia production
- electrocatalysts
- reaction mechanisms
- in situ/operando characterization

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