



Progress in Electrochemical Methods Using Functional Surfaces and Interface Engineering

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Message from the Guest Editors

Functional surface and interface engineering has revolutionized the field of electrochemical methods, offering exciting opportunities for advancements in energy storage, catalysis, corrosion resistance, and sensing applications, among many others. By tailoring the properties and functionalities of surfaces and interfaces at atomic and molecular levels, researchers can precisely control the electrochemical behavior and performance of materials. This Special Issue aims to explore recent advancements in functional materials, including how they are applied within electrochemical systems. It showcases the synergy between experimental and computational approaches, including density functional theory, molecular dynamics simulations, continuum modelling, and machine learning, to unravel complex electrochemical processes and guide the design of more efficient and sustainable electrochemical devices.

We welcome all researchers, scientists, and experts in this field to explore the development of functional materials and share your valuable insights in the hope of making great achievements.





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Message from the Editor-in-Chief

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