Special Issue

Electrochemistry Analysis in Metals and Alloys

Message from the Guest Editors

It is impossible to imagine modern society without metal materials, including both pure metals and alloys. They have very wide ranges of applications and can be found in almost all aspects of our daily lives, as in all kinds of industry. Bearing in mind the importance and abundant use of metal materials and the costs and environmental impact that their decomposition may induce, the necessity of the analysis of their behavior becomes clear. In order to study their characteristics, surface processes, corrosion resistance and stability in various environments, electrochemical techniques such as potentiodynamic polarization, electrochemical impedance spectroscopy and polarization resistance are most frequently used. Therefore, it is our great pleasure to inform you that the Special Issue of Metals named “Electrochemistry Analysis in Metals and Alloys” is open for submissions and invite you to publish original research articles as well as reviews dealing with the application of electrochemical techniques to study metal materials.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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