



High Temperature Corrosion or Oxidation of Metals and Alloys

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closed (28 February 2023)

Message from the Guest Editors

Metals is launching a new Special Issue entitled “High-Temperature Corrosion or Oxidation of Metals and Alloys.” The Special Issue will provide a platform for presenting the latest experimental and theoretical results in this innovative field. The research is not limited to the results from the laboratory, and can also include the evaluation of the experimental results of metals or alloys that have been produced in large quantities. The Special Issue covers the formation of oxidation or corrosion phases, phase transformation behavior, mechanism models and numerical analyses. We especially appreciate innovative studies on overcoming the oxidation or corrosion mechanism models and prediction with value or image data in industrial production.

I would be delighted if you would be willing to contribute an original or review article to this Special Issue.

Prof. Dr. G.M. Cao
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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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