



## Corrosion and Oxidation of Alloys

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Deadline for manuscript  
submissions:  
**closed (11 January 2024)**

### Message from the Guest Editors

Dear Colleagues,

Traditional alloys, such as stainless steels, nickel alloys, aluminium alloys, etc., are used extensively in high-tech and industrial fields such as the aerospace, energy power, manufacturing and petrochemical industry. However, the alloys in service are unavoidably subject to deterioration, either by corrosion at room temperature or by oxidation at high temperature. This deterioration is a highly dangerous and costly issue and has a major impact on the economies of industrial nations; thus, understanding the corrosion and oxidation properties of alloys is of enormous practical importance.

This Special Issue of *Crystals* aims to present the recent progress and advances regarding the corrosion and oxidation behaviour of both traditional and innovative alloy materials. Full-length articles and review papers related to all aspects of the corrosion and oxidation of alloys are welcome to contribute to this Special Issue.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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