Special Issue

Electrocrystallization of Metallic Alloys and Composites

Message from the Guest Editors

Recently, the development of advanced functional materials with controllable morphology, crystal size, and exceptional functional properties has attracted a huge amount of interest in the scientific world. Undoubtedly, electrocrystallization is one of the most versatile methods of their creation. This issue covers the broad aspects of the electrodeposition process of metallic alloys and composites and investigation of their functional properties. The main topics are:

- Electrodeposition of metal alloys;
- Electrodeposition of metal-based composites;
- Mechanisms of electrocrystallization and nucleation;
- Microstructure characterization by advanced techniques;
- Physical–chemical properties of electrodeposited alloys and composites;
- Corrosion behavior of electrodeposited alloys and composites;
- Other aspects of electrodeposition of metals and alloys.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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