



Electrocrystallization of Metallic Alloys and Composites

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Message from the Guest Editors

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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