

Special Issue

Metal Material, Coating and Electrochemistry Technology

Message from the Guest Editors

The research on metallic materials is a broad and constantly evolving field, encompassing multiple subfields ranging from basic science to applied technology. The innovative design of metals/alloys involves developing new metal/alloy systems, improving the properties of existing metals/alloys, and exploring the relationship between the microstructures of metal materials and their macroscopic properties. This Special Issue will specifically introduce, but is not limited to, both theoretical calculations and experimental techniques and/or applications in the following areas: microstructures and properties, the simulation and aided design of materials, metal/electrolyte interfacial topology structure-influenced reaction, innovative applications of metals and alloys, surface treatment and coating, advanced electrochemistry technology, rare earth functional materials, preparation and processing technologies for special alloys, and new processes for material preparation. These research directions not only promote the development of metal materials themselves but also improve related industrial technologies and the application of new materials in various fields.

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Editor-in-Chief

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