Special Issue

Microstructure Characterization and Design of Advanced Alloys

Message from the Guest Editors

The design and development of advanced alloys have long been at the core of materials science and engineering, driving innovations across multiple industries, including aerospace, automotive, energy, and electronics. The microstructure of alloys serves as the foundation for their macroscopic properties, and a deep understanding and precise control of it are essential for creating materials that meet the increasingly demanding requirements of modern applications. This Special Issue, "Microstructure Characterization and Design of Advanced Alloys", is dedicated to publishing high-quality research articles and reviews that focus on the latest advances in the field of alloy microstructure. We welcome submissions that present novel experimental techniques, sophisticated simulation methods, and innovative design strategies related to the microstructure of advanced alloys.

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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.

Editor-in-Chief

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