Special Issue

Structure and Elemental Variations in Metals

Message from the Guest Editors

Metals are characterized by their composition and structure, which are essential for their properties. Metals are made up of atom aggregates that are consistently organized in a crystalline structure, with pure metals having basic crystal structures, such as cubic or hexagonal unit cells. Metals typically have a crystalline structure, which includes grains and crystal structures. Each metal is defined by its unique atomic structure, which directly influences its physical and chemical properties. Understanding the elemental composition of metals is crucial when exploring their formation. Each metal is defined by its unique atomic structure, which directly influences its physical and chemical properties. The characteristics of metals, such as hardness, conductivity, and malleability, are rooted in their elemental makeup. By examining these properties, we gain insights into how metals can be used in various applications, from construction to electronics. In this Special Issue, structure and elemental variation and its properties in metals will be collected and published.

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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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