Special Issue

High-Entropy Materials

Message from the Guest Editors

High-entropy alloys are attracting extensive attention from materials scientists because of their exceptional properties. The concept of HEAs has revolutionized traditional alloy design using multi-principal components instead of one or two base elements. Inspired by the HEA concept in metal alloys, the idea of using multi-principal components has also been extended to other types of materials for pursuing promising properties. The rapid development of various high-entropy materials is pushing people to develop new synthesis and characterization techniques. This Special Issue on High-Entropy Materials will offer a dedicated platform for sharing new findings and communicating views in high-entropy materials. The specific topics of interest include high-entropy alloys/ceramics/composites, materials design, synthesis and processing, microstructures and properties, modeling and simulation, machine learning, and high-throughput methods.

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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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