Special Issue

Prospect Methods for Manufacturing of High-Entropy Alloys: Composition, Microstructure, and Properties

Message from the Guest Editor

Modern methods for manufacturing high-entropy alloys are not limited by traditional casting but also include additive manufacturing technologies, such as selective laser melting, direct metal deposition, electron beam melting, wire-arc additive manufacturing, etc. Some promising methods for the fabrication of high-entropy alloys are various coating-deposition technologies that significantly improve the properties of the base substrates. In keeping with the longstanding tradition of publishing the most recent and highest-quality work in Special Issues of *Metals*, this Special Issue features a collection of manuscripts entitled “Prospect Methods for the Manufacturing of High-Entropy Alloys: Composition, Microstructure, and Properties”. This Special Issue features the finest and latest-breaking articles in high-entropy alloy manufacturing methods in 2022, and is listed with the main indexing services, making the articles readily searchable, available on the Web, and citable.

Guest Editor

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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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