Special Issue

Synthesis and Applications of Metallic Foams

Message from the Guest Editors

After decades of development, metallic foams, which possess outstanding ultralightweight physical features and diverse pore structures, have attracted increasing attention from science and industry. With the progress of traditional and new synthesis technology, the properties of foamed metals have also been improved, which has greatly promoted the application of metallic foams in industrial fields such as aerospace, transportation, construction, defense, etc. I am very honored to be invited to serve as a of the journal of *Metals* for a Special Issue entitled “Synthesis and Applications of Metallic Foams”, providing academic exchange opportunities for colleagues from all over the world to support the research and industrialization of metallic foams. The aim of this Special issue is to explore emerging issues in synthesis, characterization, and applications based on advances in metallic foams. We cordially invite you to submit your original research and review papers related to the fabrication, properties, and applications of metallic foams.

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About the Journal

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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