



Microstructural and Mechanical Properties of Metallic Materials

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Message from the Guest Editor

Dear Colleagues,

Various metallic materials are applied to industrial fields and real life. The mechanical properties or behaviors of the material are often governed by their microstructural characteristics. It is also possible to improve the mechanical properties of the material through microstructural evolution using various methods, such as heat treatment, surface treatment, and plastic deformation. Therefore, analyzing the microstructural properties of metallic materials helps us to understand the mechanism of the mechanical behavior of the material and to optimize the manufacturing process of the material. This Special Issue covers all aspects of the microstructure, mechanical properties of metallic materials, ranging from conventional ferrous and nonferrous alloys, subjected to different processing methods. Studies focusing on the theoretical simulation and experimental analysis of the microstructural and mechanical behaviors of metallic materials are also welcome.

Dr. Young-Min Kim
Guest Editor





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Message from the Editor-in-Chief

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