Special Issue

Microstructure and Properties of Rolled Alloys

Message from the Guest Editors

Roll forming is an important aspect of advanced manufacturing technologies, which has the significant advantages of reducing energy consumption and cost, improving the comprehensive performance of metals and alloys, high production efficiency, and a wide application range. In recent years, rolling technology has made great progress in the control and regulation of material structures and properties, and takes the leading role in the application of automation and information technology. The aim of this Special Issue, "Microstructure and Properties of Rolled Alloy", is to showcase the latest progress and achievements of rolling technology in the field of material preparation; to summarize the future directions, key technologies, and recurrent issues in this field; and to promote the innovation and application of rolling technology. Researchers that have engaged in the roll forming of Cu alloys, Al alloys, Ti alloys, Mg alloys, Ni alloys, steel, high entropy alloys, and other alloy materials are invited to submit articles for publication.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2022)

Metals

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.3

mdpi.com/si/80829

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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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