

Special Issue

Rolling and Extrusion of Metals

Message from the Guest Editor

Rolling and extrusion are the most widely used metal plastic processing methods with high production efficiency. In recent years, with the huge demand for new high-performance products with high strength, high toughness, high processing performance, high corrosion resistance, new metal material preparation, metal plastic deformation under complex conditions, fine grain rolling and extrusion forming, continuous casting and rolling theory, and microstructure and performance control, ultra-fast cooling and other technologies are developing rapidly, presenting a new trend of interdisciplinary integration of materials, metallurgy, machinery, control, and computers. The Special Issue invites articles reporting the latest advanced research results, aiming to promote the innovation of metal rolling and extrusion technologies, the infiltration and emergence of many scientific branches, and generation of original and disruptive technologies. Manuscripts will be welcomed from both fundamental scientific researchers and authors belonging to industrial companies involved in the field.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2023)



Metals

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.3



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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Yong Zhang

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