Special Issue

Plastic Deformation and Welding on Metallic Materials

Message from the Guest Editors

One of the most important properties of metals and alloys is their ability to deform permanently without breaking cohesion, known as plasticity. It is this property that makes possible the plastic processing of metals in processes including rolling, forging, pressing, drawing, and obtaining finished products and semi-finished products such as rods, profiles, sheets, pipes, and wires. The functional properties of structural materials, especially their mechanical characteristics, are significantly influenced by the chemical composition of the alloy, the manufacturing technology, and the heat and plastic processing used, which determine the material's crystalline structure and macro- and microstructure, as well as the presence or absence of texture. We are pleased to invite you to submit original research papers, short communications, or review articles that describe the current state of knowledge in the field of Plastic Deformation and Welding of Metallic Materials.

Guest Editors

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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