

Special Issue

Advances in High-Strength Low-Alloy Steels

Message from the Guest Editors

High-strength low-alloy steels are a kind of metal material with a large quantity and wide application. With the development of society and economy, as well as the strengthening of human awareness of environmental protection, more stringent requirements have been put forward for the performance of high-strength low-alloy steels. The performance not only pursues higher strength but also develops functional coupling materials, such as earthquake resistance, weather resistance, fire resistance, crack arrest, and so on. In view of these, this Special Issue entitled “Advances in High-Strength Low-Alloy Steels” has been launched. The purpose of this Special Issue is to organize information about the breakthrough of new material properties of high-strength low-alloy steels, new material and new technology, innovation in material characterization and theory, as well as the application of big data and artificial intelligence in the development and production of high-strength low-alloy steels.

Guest Editors

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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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