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Microstructures and Mechanical Properties of Al Alloy

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Message from the Guest Editors

Nowadays, Al alloys are attracting more and more interest due to their peculiar properties, as such as high strength/weight ratio, good castability or formability, corrosion resistance, and so on. The applications of Al-based alloys are countless and their use is growing in various fields, from automotive and aircraft to packaging industries. According to the chemical composition of the alloy, the possible manufacturing processes are also various, ranging from foundry techniques to plastic deformation processes, together with additive manufacturing technologies. Therefore, the study of these alloys is fundamental in a constant effort towards exploiting their full potential.



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Special Issue



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Message from the Editor-in-Chief

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