

Special Issue

Light Weight Alloys: Processing, Properties and Their Applications

Message from the Guest Editors

Light metallic alloys are continuously gaining growing interest for a wide number of applications owing to energy saving and environmental sustainability issues, as well as good processability for the easy shaping of parts and biocompatibility for medical applications (especially for Ti and Mg). The aim of this Special Issue is to highlight recent innovations introduced in the fields of light alloys considering the perspectives of new materials and related processing routes and of new fields of applications and design strategies in these sectors.

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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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