



Advanced Materials for Multifunctional Applications

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Message from the Guest Editors

Dear Colleagues,

The impact of different microstructural aspects and corrosion resistance on the mechanical behavior of the alloys is important to study, in order to obtain high-performance materials. The aim of this Special Issue is to present the latest achievements in the theoretical and experimental investigations of the microstructural aspects, mechanical properties, and corrosion resistance in various metallic materials subjected to different processing methods; the latest advancements relating to their performance for various applications in the medical field, automotive industry, mechatronics and robotics are also highly relevant. This Special Issue aims to address the microstructural evolution and its impact on the mechanical and corrosion properties of advanced engineering alloys. Papers dealing with processing techniques, modeling of the mechanical behavior, characterization of material microstructure, influence of corrosion resistance and biocompatibility, as well as advanced applications, are encouraged. Full papers, communications, and reviews are all welcome.

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Message from the Editor-in-Chief

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