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Special Issue Reprint

Advances in Processing, Simulation and Characterization of Alloys

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This Special Issue brings together recent advancements in the processing, simulation, and characterization of alloys. The articles featured highlight how new manufacturing steps can be incorporated with novel simulation approaches and characterization techniques to provide insights into how various parameters influence the microstructure–property relationships in alloy design. For this purpose, contributions related to experimental and industrially produced alloys have been included. This collection of articles is appropriate for both experts from academia and industry who would like to obtain insights regarding state of the art in processing, simulation and characterization as well as gain a deeper understanding of property–microstructure relationships in alloys.

