

Materials Science and Technology for High Performance Alloys

A1. Nitrides, Borides, Carbides, and Carbon-based Materials

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Abstract

In Honor of Robert Singer

This lecture pays tribute to Robert Singer's lifetime achievement in the field of materials science. His special gift was to bridge the gap between basic research and industrial application. On the basis of selected examples, casting technology, alloy development and continuous extrusion, his scientific contribution is explained in particular in the field of material technology.

Selected references