



Advances in Materials Processing (3rd Edition)

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Since industrial development began, materials processing is central to the field of materials science and engineering, and is a vital step in manufacturing. Materials processing is an important process for realizing the structural features (e.g., crystal structure, microstructure, size, and shape) required for the product to perform well in the intended application by properly utilizing and designing the composition of a given material. Recently, trends in the high-tech industry are pushing toward miniaturization, the creation of products with complex shapes, and multi-functional materials. To keep up with ever-increasing demands, materials processing has been continuously advancing in terms of production, efficiency and performance qualification.

The main aim of the Special Issue is to discuss the topics of processing, manufacturing, structure/property relationship and applications in advanced materials. All of the single phase and alloy, and composite materials in metals, ceramics, and polymers are of interest.

It is our pleasure to invite you to submit a manuscript for this Special Issue.





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Editor-in-Chief

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Message from the Editor-in-Chief

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