

Special Issue

Sintering Phenomena and Microstructural Control – Volume II

Message from the Guest Editor

Sintering is a solidification technique by which powder can be compacted with energy, in particular thermal energy but also light and electric energy. Microstructural development via controlling densification and grain growth is an essential technology to enhance the properties (electrical, thermal, mechanical, optical, etc.) of inorganic materials, including metals, ceramics, and their composites, in related industrial applications. The sintering process originally transported the atoms in the materials by decreasing the interface energy. The atoms can move through interfaces such as grain boundary, surface, and solid–liquid interface. Therefore, it is imperative that we understand the interface structure and phenomena during sintering. The purpose of the Special Issue “Sintering Phenomena and Microstructural Control” is to reveal and share current efforts concerning sintering and its related properties. We hope to use this Special Issue to connect the basic science and application of materials.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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