



*crystals*



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## Review Papers in Microstructures of Alloys

Collection Editor:

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### Message from the Collection Editor

In this Collection Issue of *Crystals*, “Review Papers in Microstructures of Alloys”, we intend to publish high-quality review papers addressing the description, explanation, and/or modeling of the formation of microstructures in alloys. We aim to gather comprehensive and didactic papers covering the phenomena of solidification, segregation, recrystallization, precipitation, order–disorder, displacive/martensitic transformations, twinning, etc. The papers may focus on (i) the effect of elements of the elaboration process, such as casting, forging, and additive manufacturing, on the microstructures, (ii) the methods used to characterize the microstructures, such as electron microscopy, diffraction, and tomography, or (iii) the methods used to simulate the microstructures, such as crystal plasticity, phase field, and artificial intelligence.



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## Editor-in-Chief

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## Message from the Editor-in-Chief

Crystals are a very important class of structured material, both from a scientific and technological viewpoint. In 2011, the Nobel Prize in Chemistry was awarded to Dan Schechtman for his work on quasicrystals. Our journal already expresses in its name *Crystals* that its focus centers around all aspects of this class of materials, which has fascinated humankind from its beginning. Despite decades of research on crystals, it remains a hot and fascinating research topic.

*Crystals* is a good platform for dissemination of knowledge in this area.

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