Special Issue

Advanced High Temperature Shape Memory Alloys

Message from the Guest Editor

We invite researchers to submit papers related to high-temperature shape memory alloys to discuss potential materials, the method of improvement of shape recovery, the strength of alloys, the stability of microstructure and cyclic properties, and the enhancement of the lifespan of high-temperature shape memory alloys, not only the alloys that can be used above 200˚C, but also the alloys that can be used between 100 and 200 ˚C. We also welcome papers that show possible applications for high-temperature shape memory alloys to encourage researchers working in this field. Keywords

- High-temperature shape memory alloys
- High-temperature superelasticity
- Martensitic phase transformation
- High-temperature application of SMA
- Actuator, sensor
- Mechanical properties of SMA
- Microstructure, twin structure

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2019)

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About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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