

Special Issue

Shape Memory Alloys: Recent Advances and Future Perspectives

Message from the Guest Editors

Shape Memory Alloys (SMAs) have emerged as a transformative class of materials. This Special Issue is dedicated to showcasing research of the highest quality. We are confident that this Special Issue, entitled "Shape Memory Alloys: Recent Advances and Future Perspectives", will offer valuable research insights for shape memory alloy enthusiasts. We eagerly invite you to contribute to this Special Issue. We invite researchers, engineers, and practitioners to contribute original research articles and review manuscripts on the following topics (though the following list is not exhaustive, and other topics may be discussed):

Microstructural analysis and characterization of shape memory alloys;
Shape memory response and effect of shape memory alloys;
Mechanical behavior of shape memory alloys;
Exploring novel designs to tailor the properties through the shape memory effect;
Examining the diverse applications of shape memory alloys;
Production and processing of shape memory alloys;
3D and 4D printed shape memory alloys;
Addressing the challenges and current trends in the research of different shape memory alloys.

Guest Editors

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Deadline for manuscript submissions

closed (10 July 2025)



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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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