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## Advanced Science and Technology of High Entropy Materials

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### **Message from the Guest Editors**

Dear Colleagues,

This Special Issue is focused on recent developments in the field, as well as the most recent advances in high-entropy alloys—their synthesis, characterization, structures, properties and applications. High-entropy alloys have revolutionized the design of traditional alloys and offer a new paradigm for designing metallic alloys with salient properties. Recently, high-entropy alloys have increasingly become the focus of researchers due to their excellent properties, such as their high strength, ductility and corrosion and creep resistance. The main determinants of the future success of high-entropy alloys are further improvements of existing and the development of novel high-entropy alloys. The properties of high-entropy alloys are mainly based on their structure, from the atomic to the microstructure scale.

This Special Issue aims to provide a comprehensive overview of recent advances in high-entropy alloys, including their synthesis, characterization and applications.

We hope that this Special Issue will stimulate further research in the field of high-entropy alloys and promote their practical application.



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# Special Issue



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## Message from the Editor-in-Chief

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