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Future Trends in High-Entropy Alloys

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Message from the Guest Editors

Dear Colleagues,

High-entropy alloys (HEAs) is an exciting and vibrant research field of materials science, and recently the research of HEAs has been widespread world widely. Numerous studies have shown that the high entropy strategy has great potential for developing new materials with properties beyond those of conventional materials based on one principal element or component, by exploring central regions of complex composition space. The topics of interest in this special issue include, but are not limited to, the preparation, properties, and applications of materials containing: Experimental, theoretical, and computational researches of phase diagrams, processing, microstructure characterization, mechanical, physical, chemical, and functional properties of HEMs.

Prof. Dr. Jason Shian-Ching Jang

Prof. Dr. Shou-Yi Chang

Guest Editors





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