

Zhang

High-Entropy Materials

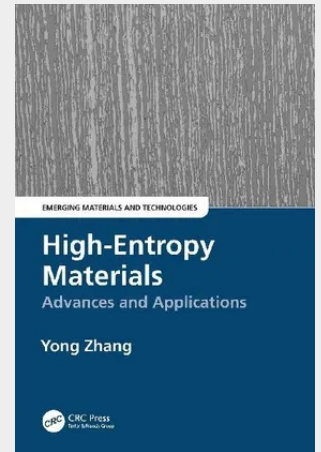
Advances and Applications

Research in the field of high-entropy materials is advancing rapidly. High-Entropy Materials: Advances and Applications focuses on materials discovered using the high-entropy alloys (HEA) strategy. It discusses various types of high-entropy materials, such as face-centered cubic (FCC) and body-centered cubic (BCC) HEAs, films and coatings, fibers, and powders and hard-cemented carbides, along with current research status and applications:

- Describes, compositions and processing of high-entropy materials.
- Summarizes industrially valuable alloys found in high-entropy materials that hold promise for promotion and application.
- Explains how high-entropy materials can be used in many fields and can outperform traditional materials.

This book is aimed at researchers, advanced students, and academics in materials science and engineering and related disciplines.

High-Entropy Materials: Advances and Developments introduces developments and focuses on materials discovered using the high-entropy alloys strategy. It discusses various types of high-entropy materials, such as FCC and BCC HEAs, films and coatings, fibers, and powders and hard cemented carbides, along with current research status and applications.



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