Special Issue

Recent Advances in Refractory High Entropy Alloys, 2nd Edition

Message from the Guest Editors

This Special Issue aims to include the recent progress in the development, deformation mechanisms, functional properties as well as the applications of RHEAs, especially tungsten-containing RHEAs. All original research work and review articles related to the following aspects are welcome and appreciated:

- Design and development of new RHEAs;
- Mechanical properties and deformation mechanisms of RHEAs;
- Functional properties of RHEAs, such as oxidation, corrosion and irradiation resistance;
- Fabrication and processing of RHEAs;
- Development, characterization, processing and application of tungsten alloys;
- Advances in other refractory alloys and HEAs.

Guest Editors

Prof. Dr. Yucheng Wu
School of Materials Science and Engineering, Hefei University of Technology, Hefei 230009, China

Prof. Dr. Shunhua Chen
School of Mechanical Engineering, Hefei University of Technology, Hefei 230009, China

Deadline for manuscript submissions

31 December 2025

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/218253

Entropy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

mdpi.com/journal/entropy

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/journal/entropy

About the Journal

Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, PubMed, PMC, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Physics, Multidisciplinary) / CiteScore - Q1 (Mathematical Physics)

MDPI