

## Special Issue

# High-Entropy Materials: From Principles to Applications

### Message from the Guest Editors

This Special Issue aims to gather insightful papers on the recent advancements in high-entropy materials, a topic garnering increasing interest in the materials science community due to their peculiar properties and their variety of applications. High-entropy alloys have since demonstrated exceptional mechanical properties, high temperature stability, and chemical resistance. High-entropy ceramics also offer significant advantages across various sectors such as energy storage and conversion, catalysis, electronics, high-temperature applications, and so on. Moreover, the field of high-entropy materials continues to expand rapidly due to the vast number of possible elemental combinations available, which enable the creation of new compounds with attractive properties.

This Special Issue welcomes contributions covering all aspects of high-entropy materials, from synthesis, design, and characterization to applications. It will serve as an important platform for researchers to share their latest findings and contribute to the advancement of the field.

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### Guest Editors

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### Deadline for manuscript submissions

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## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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