Special Issue

Future Trends in High-Entropy Alloys

Message from the Guest Editors

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.

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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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