Special Issue

Damage, Fracture, and Fatigue of Multi-Principal Element Alloys

Message from the Guest Editor

Multi-principle element alloys (MPEAs) have attracted extensive interest due to their exceptional mechanical properties and the vast compositional space for new MPEAs. Recent advances in overcoming the strength–ductility synergy by deliberately deploying heterogeneous nanostructures in MPEAs have revolutionized alloy design strategies in the field of structural materials. For this Special Issue of *Materials*, we welcome exceptional innovative contributions on the damage, fracture, and fatigue of MPEAs with heterogeneous nanostructures. This Special Issue aims to present a collection of original research articles and review papers that will provide researchers across the world with an overview of the latest trends and progress in the research of MPEA mechanics.

Guest Editor

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Message from the Editorial Board

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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