Special Issue

Materials for Harsh Environments

Message from the Guest Editors

Harsh environments pose significant challenges when it comes to the optimal and safe performance of the materials. Addressing these challenges requires a thorough understanding of the materials and the processes involved. There have been significant efforts from researchers around the world to tackle the challenges, and the availability of such data in one place will be invaluable for future research. In this context, we are pleased to announce a call for papers for a Special Issue on "Materials for Harsh Environments". This Special Issue seeks to gather valuable insights into significant research and innovative developments in nuclear materials, advanced corrosion-resistant alloys, refractory alloys, and strategies for preventing damage in harsh conditions. We invite researchers, scientists, and engineers to submit original research articles, comprehensive reviews, and insightful case studies that explore the latest advancements. The goal of this Special Issue is to enhance understanding in these fields, contributing to improved safety, efficiency, and longevity.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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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