Special Issue

Crystal Plasticity (Volume III)

Message from the Guest Editor

A variety of complex application environments drive the demand for the development of high-performance engineering materials, including material strength, deformation resistance, light-weighting, corrosion resistance, high-temperature capability, material processing efficiency, sustainability and multifunctionality. The progress in the development of high-performance materials can be achieved either by developing and applying novel methods of investigation or by preparing materials with novel structural features and/or properties. In this Special Issue, potential papers could include all aspects of processing, structure/property evaluation and applications of both ferrous and nonferrous materials, composites (including biomaterials, high-temperature materials, and nanomaterials for energy and structural applications), structural metallic materials, ultrafine-grained materials, high-entropy alloys and nuclear materials.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2023)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/142399

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About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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