

Special Issue

Al-Rich Alloys

Message from the Guest Editors

Al-rich alloys are promising materials for developing lightweight, high-strength structures that enable improved fuel economy, increased range for electric vehicles and more resilient materials for transportation and infrastructure. This Special Issue focuses on high-quality original research or review articles that elucidate novel aspects of processing–structure–property relationships of lightweight Al-rich alloys. Articles may focus on alloy development, novel processing or advanced manufacturing methods, advanced characterization techniques or materials properties, as examples. Research may be experimental, computational or a combination of the two.

Guest Editors

Dr. Gregory Kubacki

Dr. Qiaofu Zhang

Dr. Mark L. Weaver

Deadline for manuscript submissions

closed (30 September 2024)



Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 4.2



mdpi.com/si/200341

Crystals
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

[mdpi.com/journal/
crystals](https://mdpi.com/journal/crystals)





Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 4.2



[mdpi.com/journal/
crystals](https://mdpi.com/journal/crystals)



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

Prof. Dr. Alessandra Toncelli
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Crystallography) / CiteScore - Q2 (Condensed Matter Physics)