

## Special Issue

# Surface Modification Treatments of Metallic Materials (2nd Edition)

### Message from the Guest Editors

This new Special Issue of *Crystals*, Surface Modification Treatments of Metallic Materials (Second Edition), continues a previous collection

([https://www.mdpi.com/journal/crystals/special\\_issues/4DZ269C2OB](https://www.mdpi.com/journal/crystals/special_issues/4DZ269C2OB)). This Special Issue of *Crystals* aims to

provide a forum for original research works and review articles on current advances in the field of surface modification of metallic materials. Areas of interest include, but are not limited to, shot peening, deep rolling, laser shock peening, ultrasonic surface rolling, surface mechanical attrition treatment, ultrasonic impact treatment, micro-forging, mechanical machining, and applications for the surface modification of metallic materials. Submissions may investigate advanced surface modification techniques, surface integrity characterization, mechanical property evaluation, fatigue testing, simulation, and applications.

---

### Guest Editors

Dr. Yong Wang  
Dr. Zongwei Ren  
Dr. Jiaqiang Dang

---

### Deadline for manuscript submissions

closed (10 January 2026)



## Crystals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.0



[mdpi.com/si/225373](https://www.mdpi.com/si/225373)

*Crystals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[crystals@mdpi.com](mailto:crystals@mdpi.com)

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





# Crystals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.0



[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, Ei Compendex, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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