

## Special Issue

# Thermal Coatings: Properties and Applications

### Message from the Guest Editors

In this Special Issue, we will include articles dedicated to ceramic, metallic, metal–ceramic composite, or carbide thermal coatings made by different application methods. We will also aim to analyze their various properties, including thermal resistance, thermal conductivity, oxidation and corrosion resistance, durability and mechanical strength, and friction coefficient; evaluate their applications in the aerospace, automotive, metallurgical, and energy industries; and examine their use in medical or household appliances.

---

### Guest Editors

Prof. Dr. Dorin Luca

Faculty of Materials Science and Engineering, “Gheorghe Asachi”  
Technical University of Iasi, 700050 Iasi, Romania

Prof. Dr. Corneliu Munteanu

Mechanical Engineering Faculty, “Gheorghe Asachi” Technical  
University of Iasi, 700050 Iasi, Romania

---

### Deadline for manuscript submissions

30 June 2026



## Crystals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.4  
CiteScore 5.0



[mdpi.com/si/263597](https://mdpi.com/si/263597)

*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://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)