

Special Issue

Special Issue of the Professional Committee of Key Materials and Technology for Electronic Components (PC- KMTEC)

Message from the Guest Editors

Dear Colleague, This Special Issue is dedicated to publishing high-quality and original research in the field of Ceramic Materials and it is promoted by the Professional Committee of Key Materials and Technology for Electronic Components (PC-KMTEC). Electronic components and microsystems are applied widely in telecommunication, energy, and sensor fields. Additionally, the high-performance dielectric and semiconductive ceramics of these components and microsystems are required for their application. Therefore, this Special Issue will cover the investigation of dielectric and semiconductive ceramics and their scientific progress, including but not limited to, microwave dielectric ceramics, ferroelectric ceramics, piezoelectric ceramics, thermoelectric ceramics, pyroelectric ceramics, sensitive ceramics, transparent ceramics, etc. It is our pleasure to invite professionals from the industrial sector, academic institutions and research centers from around the world to submit their contributions to this Special Issue.

Guest Editors

Prof. Dr. Feng Shi

Prof. Dr. Wen Lei

Prof. Dr. Qian Li

Prof. Dr. Guangzu Zhang

Prof. Dr. Chunming Wang

Prof. Dr. Jun Ouyang

Deadline for manuscript submissions

30 September 2025



Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.0



mdpi.com/si/215472

Crystals
Editorial Office
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 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, CAPus / SciFinder, and other databases.

Journal Rank:

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