

Special Issue

Recent Advances in Zeolite Crystallization for Modern Applications

Message from the Guest Editors

Zeolites have been known as functional materials for several decades. However, research has continued by exploring advanced measurement techniques, finding efficient analysis tools, and developing new applications for them. This Special Issue focuses on studies on recent advancements in greener synthesis and modern characterization techniques for zeolite analysis as well as their application in the energy and environmental sectors. The aim of this Special Issue is to disseminate both experimental and theoretical investigations performed on the utilization of advanced zeolitic materials in line with sustainability and green chemistry to increase knowledge in zeolite science.

Guest Editors

Dr. Khaled Sebakhy

Laboratory for Chemical Technology (LCT), Department of Materials, Textiles and Chemical Engineering, Ghent University, 9052 Ghent, Belgium

Dr. Zhaohui Li

Geosciences Department, University of Wisconsin-Parkside, Kenosha, WI 53144, USA

Deadline for manuscript submissions

closed (31 January 2025)



Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.0



mdpi.com/si/212859

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)