

Special Issue

Advances in Electrocatalyst Materials for Sustainable Applications

Message from the Guest Editors

The Special Issue aims to provide a platform for disseminating advancements in diverse nanomaterials. These materials include metal oxides, metal–organic frameworks, carbon-based substances, pyrolyzed catalysts, and noble metal nanoparticles, among others. The focus is on their application in electrocatalysis for a wide range of reactions in both organic and aqueous media. Additionally, this Special Issue seeks to enhance the use of these materials to advance materials science, with a particular emphasis on promoting environmental sustainability. It aims to provide readers with efficient and eco-friendly alternatives that contribute to scientific progress and social development.

Guest Editors

Dr. Federico Tasca

Department of Materials Chemistry, University of Santiago of Chile, Santiago, Chile

Dr. César A. Zúñiga

Department of Materials Chemistry, University of Santiago de Chile, Santiago, Chile

Deadline for manuscript submissions

10 November 2026



Crystals

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.4



mdpi.com/si/259364

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 2.9
CiteScore 5.4



[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 crystal, 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)