crystals

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.2

Research on Electrolytes and Energy Storage Materials

Guest Editors:

Dr. Bhargav Akkinepally
School of Mechanical Engineering, Yeungnam University, Gyeongsan, Gyeongbuk 38541, Republic of Korea

Dr. Mengjie Chen
School of Chemical & Biomolecular Engineering, Georgia Institute of Technology, Atlanta, GA 30332, USA

Deadline for manuscript submissions:
20 September 2024

Message from the Guest Editors

Dear Colleagues,

In our ever-evolving quest for sustainable and efficient energy storage solutions, research on electrolytes and energy storage materials takes center stage as a topic of paramount importance. The relentless growth in demand for cleaner and more reliable energy sources has heightened the significance of this field. Batteries, capacitors, and emerging energy storage technologies are central to addressing these global challenges, making it vital to advance our understanding of electrolytes and energy storage materials.

Electrolytes serve as the lifeblood of energy storage systems, enabling the movement of ions and the flow of electrical energy. Research in this field is dedicated to optimizing these crucial components, with a focus on enhancing performance, safety, and environmental sustainability.

Our Special Issue is an invitation to researchers, scientists, and engineers to contribute their original research, reviews, and perspectives on this subject. We aim to create a comprehensive repository of knowledge, fostering the exchange of insights and providing a platform for the dissemination of groundbreaking research on electrolytes and energy storage materials.

crystals

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.2

Editor-in-Chief

Prof. Dr. Alessandra Toncelli
Department of Physics, University of Pisa, 56126 Pisa, Italy

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.

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, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Crystallography*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Crystals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/crystals
crystals@mdpi.com
𝕏@Crystals_MDPI