Special Issue

Applications of Fullerene Material

Message from the Guest Editor

Endohedral fullerenes are expected to be applied in a wide range of fields, such as electronic devices, energy, environment, and medical care, owing to their unique properties. Endohedral fullerenes have always accompanied next-generation technology, as can be seen from their functionality at atomic or molecular levels using their nano-space. Many types of metal-encapsulated fullerenes are made in a variety of ways and have already been, applied including those in the realms of energy/environment, electronics/mechanics, bio/food, and medical treatment. In endohedral metallofullerenes, electron transfer occurs from the encapsulated species to fullerenes, so physical characteristics, functions, and reactivity different from those of empty fullerenes are expected. From the viewpoint of crystallography and engineering applications, it is extremely important to elucidate the exact molecular structure of endohedral metallofullerenes. Targeting all kinds of endohedral fullerenes, we accept a wide range of papers related to structure determination and application of endohedral fullerenes, please submit the latest research results.

Guest Editor

Dr. Yoshikazu Yoshida

Graduate School of Science and Engineering, Toyo University, Tokyo 112-0001, Japan

Deadline for manuscript submissions

closed (31 July 2022)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/81415

Crystals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

mdpi.com/journal/crystals

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/journal/crystals

MDPI

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)