



crystals



an Open Access Journal by MDPI

Scintillator and Phosphor Materials—2nd Edition

Guest Editor:

Dr. Stratos David

Department of Biomedical
Engineering, University of West
Attica, 12210 Athens, Greece

sdavid@teiath.gr

Deadline for manuscript
submissions:

29 February 2024

Message from the Guest Editor

Nowadays, research activity is directed towards mixed and co-doped inorganic phosphor materials, single crystals and optical ceramic materials, organic crystals, nano-scintillators and quantum dots, luminescent biomarkers, luminescent dopants, optoelectronics and displays aiming to obtain higher performances, in accordance with the requirements of various applications.

The aim of this Special Issue is to showcase innovative research about scintillator and phosphor materials, exploring growth production and experimental evaluation, new crystalline hosts and co-doped scintillator materials, and the integration of scintillators and phosphors into various devices and applications, as well as theoretical calculations.



mdpi.com/si/175509

Special Issue



crystals



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Helmut Cölfen

Physical Chemistry, Universität
Konstanz, 78457 Konstanz,
Germany

Message from the Editor-in-Chief

Crystals are a very important class of structured material, both from a scientific and technological viewpoint. In 2011, the Nobel Prize in Chemistry was awarded to Dan Schechtman for his work on quasicrystals. Our journal already expresses in its name *Crystals* that its focus centers around all aspects of this class of materials, which has fascinated humankind from its beginning. Despite decades of research on crystals, it remains a hot and fascinating research topic.

Crystals is a good platform for dissemination of knowledge in this area.

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](#), [CAPus](#) / [SciFinder](#), and [other databases](#).

Journal Rank: [JCR](#) - Q2 (*Crystallography*) / [CiteScore](#) - Q2 (*Condensed Matter Physics*)

Contact Us

Crystals
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/crystals
crystals@mdpi.com
[@Crystals_MDPI](https://twitter.com/Crystals_MDPI)