



crystals



an Open Access Journal by MDPI

New Trends in Growth Technique of Micro-Pulling-Down Method

Guest Editors:

Dr. Kheirreddine Lebbou

CNRS UMR 5306 (ILM), Claude
Bernard Lyon 1 University,
Villeurbanne, France

Dr. Harutoshi Asakawa

Graduate School of Science and
Engineering, Yamaguchi
University, 2-16-1 Tokiwadai, Ube
755-8611, Japan

Deadline for manuscript
submissions:

closed (10 July 2021)

Message from the Guest Editors

The micro-pulling-down (μ -PD) technique demonstrates some remarkable technological benefits such as small and modifiable furnace structures to control ambient temperature, uniform solute concentration, and shaping possibility. Hence, the μ -PD method is utilized as one of the most advantageous techniques available to grow a wide variety of industrial crystals for a large wide of applications, such as nonlinear optical elements and surface-acoustic-wave elements, scintillation and laser.

Here, we invite researchers to contribute to the Special Issue of Crystals for the discussion and presentation of recent advances in the growth technique of the μ -PD method, ranging from practical experiments to computational simulation. The types of materials used are not restricted.



mdpi.com/si/67606

Special Issue



crystals



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alessandra Toncelli

Department of Physics, University
of Pisa, 56126 Pisa, PI, 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](#), [Ei Compendex](#), [CAPus / 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](https://twitter.com/Crystals_MDPI)