Special Issue

Epitaxial Growth of Crystalline Semiconductors

Message from the Guest Editor

Currently, society has come into a digital age built by various kinds of semiconductor materials. Tremendous inventions and developments of semiconductors have been achieved. High-performance devices depend on high-quality epitaxial growth of crystalline semiconductor materials. For example, (silica-based) integrated circuit, (III-nitride-based) LEDs and laser diodes (LDs) and (2D semiconductor-related) novel devices have been established with the progress in epitaxial growth and device processing technologies. To further improve the performance of semiconductor devices, advanced epitaxial growth and device processing technologies need to be explored. Developments and progress in epitaxial growth and processing techniques are laborious and time consuming. Therefore, those technologies are fundamental, vital and urgently needed, which should be encouraged and paid more attention to.

Guest Editor

Dr. Tao Tao

Jiangsu Provincial Key Laboratory of Advanced Photonic and Electronic Materials, School of Electronic Science and Engineering, Nanjing University, Nanjing 210093, China

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

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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

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