Special Issue

Advances in Thin Film Solar Cells

Message from the Guest Editors

This Special Issue aims to bring together and share the up-to-date views and opinions of the past and current developments in thin film photovoltaic materials and solar cells. Suitable topics include experimental and theoretical findings related to thin film photovoltaic materials, devices, and fabrication techniques. We hope you can join us in this Special Issue by contributing critical reviews and/or original research articles. The proposed topics include, but are not limited to:

- Thin film silicon solar cells
- CdTe thin film solar cells
- CuInGaSe2 thin film solar cells
- Kesterites thin film solar cells
- Perovskites thin film solar cells
- Organic PV materials and devices
- GaAS thin film solar cells
- Quantum dot solar cells
- Two-dimensional materials for PV applications
- New device concepts and architectures for next generation of solar cells

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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.

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