Special Issue

Advances in Synchrotron Radiation Applications for Crystal Structure Studies

Message from the Guest Editor

This Special Issue provides a forum for reports on technical developments and their applications, and for novel research in areas of crystallography that depend on, or benefit from, the use of synchrotron facilities. Scientists working in a wide range of disciplines are invited to contribute to this collection. The topics presented in the keywords cover broadly the focus of this Special Issue, but do not restrict it, as synchrotron applications in crystallography are growing and are likely to include particular approaches that have not yet been described; innovative contributions are particularly welcomed. **Keywords**

- Synchrotron crystallography beamlines
- Data collection and processing
- Crystal structures from synchrotron data
- Exploitation of high intensity, focusing and collimation
- Use of wavelength tunability
- Photocrystallography and other time-resolved studies

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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

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