

Special Issue

Crystallisation Advances

Message from the Guest Editor

This Special Issue aims to showcase recent advances in crystallisation, with a strong emphasis on fundamental aspects such as nucleation, crystal growth, and industrial crystallisation. We also welcome contributions that explore advanced microscopy techniques to uncover crystallisation mechanisms during both the crystallisation process and prenucleation stages. Additional topics within the scope include studies on nonclassical crystallisation pathways, the application of process analytical technology (PAT), and the use of chemometric to analyse crystallisation data. Research focusing on the effects of impurities on crystallisation and investigations into continuous crystallisation processes, particularly for organic compounds, are also highly encouraged. This Special Issue seeks to bring together innovative experimental, computational, and theoretical studies that enhance our understanding of crystallisation and its industrial applications.

Guest Editor

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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

Prof. Dr. Alessandra Toncelli

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