

Special Issue

Crystal Design for Aromatic Recognition

Message from the Guest Editors

The Special Issue is dedicated to exploring crystals with the capability for molecular recognition of aromatic compounds and extensively gathers in-depth studies on the intermolecular interactions of aromatic molecules embedded within crystals. By examining the crystal structure and intermolecular interactions from a comprehensive perspective and focusing on artificially synthesized molecular crystals and high-ordered crystalline polymers that incorporate benzene derivatives, we aim to develop rational co-crystal designs. For this Special Issue on crystallography, we encourage the submission of accurate, detailed single-crystal X-ray structural analyses and objective investigations of intermolecular interactions using methods such as Mercury, Platon, or Hirshfeld surface analysis. Contributions on solution chemistry and industrial applications are also welcome.

Guest Editors

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Dr. Ken-ichi Yamashita
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Deadline for manuscript submissions

closed (15 September 2024)



Crystals

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Impact Factor 2.4
CiteScore 5.0



mdpi.com/si/198621

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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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