Special Issue

Advances in Organic Semiconductors

Message from the Guest Editor

Organic semiconductors were identified in the late 1940s, and semiconductors, which are based on small organic molecules and conjugated polymers, have been intensely investigated since the late 1980s. The performance of organic semiconductors has improved continuously over the last 30 years, and OLEDs (organic light-emitting diodes) have now successfully launched on the display market. They possess two key advantages over devices fabricated from inorganic semiconductors: mechanical flexibility and stretchability, and low manufacturing costs. This Special Issue, "Advances in Organic Semiconductors", will cover the state of the art and key challenges in the field of organic semiconductors, with a particular focus on molecular structure; design and synthesis; novel device physics; and molecular doping for mechanical flexibility/stretchability and photo-related applications.

Guest Editor

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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.

Editor-in-Chief

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