Special Issue

Research on Energy Storage and Conversion Materials

Message from the Guest Editor

Crystalline materials' energy storage and conversion is a research hotspot in the field of materials science and energy. With the growth of the global energy demand and the development of renewable energy technologies, there is an increasing demand for efficient and environmentally friendly energy storage and conversion materials. Crystalline materials show great potential in this field because of their unique structure and properties. Crystalline materials play a key role in energy storage, such as lithium- or sodium-ion batteries and supercapacitors. In the future, with the in-depth research of crystalline materials and the development of new technologies, crystalline materials' energy storage and conversion is expected to occupy a more important position in the global new energy industry, providing strong material support for the wide application of clean energy.

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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