Special Issue

Exploring New Materials for the Transition to Sustainable Energy

Message from the Guest Editor

The Special Issue "*Exploring New Materials for the Transition to Sustainable Energy*" aims to focus on relevant material properties and material design strategies that may lead to efficient and sustainable applications. Therefore, the goal of this issue is to emphasize the connection between synthesizing and characterizing suitable nanostructured materials to be used in strategic applications, which may lead to final performant products. The adoption of nanomaterials holds the potential to enhance efficiency, affordability, and environmental sustainability. Nanomaterials, of different sizes and shapes, have applications spanning various areas, including generating, converting, transporting, and storing the oldest and newest sources of energy. This includes a wide range of applications, such as photocatalysis and solar cells, as well as energy storage and saving technologies. Papers that aim to address the transition towards more efficient and sustainable solar energy systems are welcomed.

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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