

Special Issue

Metal Coordination Complexes for Optical and Chiroptical Applications

Message from the Guest Editors

In recent decades, the interference of metal coordination complexes with electromagnetic radiation has attracted burgeoning attention for potential optical and chiro-optical developments. This interaction is pivotal to numerous processes, including photochemistry, photocatalysis, and the design of novel materials for solar energy conversion, sensors, and molecular devices. The present Special Issue will explore (both experimentally and computationally) the fundamental principles governing the interaction of light with metal coordination complexes, focusing on their photophysical properties, the nature of electronic transitions, and their applications in photochemistry, photocatalysis, photobiology, and photomedicine. Through this discussion, we aim to provide a deeper understanding of how these systems can be harnessed to develop advanced materials and technologies for a range of practical applications in the modern chemical and biomedical sectors.

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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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