

Special Issue

Synthesis, Structure and Application of Metal Halides

Message from the Guest Editor

Over the past decade, metal halides have attracted increasing attention for their structural tunability and photophysical properties. In terms of composition, the metal centers of this family include but are not limited to Pb, Sn, Bi, Sb, Cu, and Ag, which normally possess flexible and various coordination modes to halogen. Although some progress has been made in this field, the use of multiple template agents for the structural assembly of such compounds is still particularly attractive but challenging. Especially in recent years, researchers have begun to apply this compound in the fields of fluorescence, photochromism, thermochromism, optoelectronics, and photocatalysis. Through the structural assembly and performance research of numerous new substances, people will undoubtedly increase their understanding of the structural design and performance applications of functional metal halides. Researchers are invited to contribute to this Special Issue, "Synthesis, Structure and Application of Metal Halides". Prospective authors are encouraged to submit original and unpublished papers in this subject area.

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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