Special Issue

Metal Complexes in Co-Crystals

Message from the Guest Editors

Unique properties are realized from co-crystals. Self-assembled metal complexes like (i) discrete coordination rings/cages, (ii) coordination polymers, and (iii) metal–organic frameworks are capable of displaying unique characteristics upon their interaction with guest entities. Weak intermolecular interactions, the switching of physical properties, and unusual chemical reactions in isolated space are a few characteristics of co-crystals but there are many more. The shapes, sizes, and related properties of the self-assembled coordination complexes are tunable, and, therefore, new types of intermolecular interactions are expected from the crystalline state of the host-guest complexes.
We are hoping to provide a unique platform to the research findings in the above-mentioned fields, we also aim at covering the research results associated with both experimental and theoretical aspects of intermolecular interactions related to self-assembled metal complexes. A variety of such functional materials collected in a Special Issue of the open access journal, Crystals, will be valuable for the general readers and good reference for professionals involved in this field.

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About the Journal

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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