Special Issue

Coordination Environment for Metal Centers in Crystals

Message from the Guest Editors

The design of compounds featuring an appropriate metal coordination environment is a constant pursuit in research to realize target properties. The “coordination environment” could be a comprehensive concept that involves metal coordination bonds, geometries, ligand chelating/bridging patterns, etc. Taking a broader view, it can be the metal types, oxidation states, and metal/metal ratios if the compound is in a heterometallic composition. Nevertheless, all of the key variables associated with metal in a coordination compound or nanocrystal may be the key elements to control over the displaying activities of the compounds. Therefore, establishing effective approaches to tune the metal coordination environments is meaningful to design compounds for specific applications.

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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.

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