Special Issue

High Spin Molecules

Message from the Guest Editor

The field of molecule-based magnetic materials relies, in part, on the creativity of synthetic chemists to design and prepare new molecules with desirable magnetic properties. This is challenging work but tremendous strides have been made over the past 35 years in the understanding of how unpaired electrons communicate with each other within organic molecules, transition- or lanthanide ion complexes, and more recently, in the understanding of the essential role that magnetoanisotropy plays in molecular magnetism and learning to control and enhance magnetic exchange and anisotropy in new molecular designs. In this Special Issue of Crystals, we will celebrate some of these recent efforts in the field of molecule-based magnetism with a focus on creativity in the design and synthesis of new molecular materials.

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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