Special Issue

Molecular Electronics and Nanoelectronics for Quantum Materials

Message from the Guest Editors

The study and design of materials for molecular electronics and nanoelectronics as quantum materials represent a burgeoning technological frontier. This field encompasses the science and technology involved in understanding, designing, and producing electronic devices that leverage these properties. By exploring the interactions at metal–molecule–semiconductor junctions and other solid-state phenomena, researchers aim to advance our knowledge and capabilities in electronics. These advancements are poised to propel future computer technology well beyond the constraints of silicon, potentially revolutionizing the capabilities of electronic devices and systems. We welcome contributions to the Special Issue "Molecular Electronics and Nanoelectronics for Quantum Materials" in *Processes*. Topics of interest include, but are not limited to, developments in molecular electronics, nanoelectronics, and the study of quantum materials.

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