

Special Issue

Piezoelectric Sensors Application

Message from the Guest Editor

Piezoelectric sensors are devices that use the piezoelectric effect to measure the electric potential caused by the application of a mechanical force to a piezoelectric material. The combination of piezoelectric materials with nanotechnology, such as nanowires, nanosheets or nanoplates, allows piezoelectric sensors and electronic microchips mutually compatible, flexible and wearable, and can simultaneously realize various digital, electronic and energy storage functions. Due to their highly efficient electromechanical conversion, easy implementation, and self-powering nature, these devices allow a large number of innovative medical applications in areas such as active sensing, electrical stimulation therapy and passive bio-mechanical energy harvesting of the human body. In the past decade, the piezoelectric sensors have experienced rapid progress and attracted widespread interest. The present Special Issue on “Piezoelectric sensors” may become a status reports summarizing the progress achieved in the last five years.

Guest Editor

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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.

Editor-in-Chief

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