

Special Issue

Prospects and Applications of Piezoelectric Sensors and Energy Harvesting

Message from the Guest Editors

Piezoelectric micro- and nanogenerators (PENG) and self-powered sensors are increasingly attracting the attention of researchers from across the world. One reason for the rising interest is their broad application prospects in areas that include energy harvesting as a promising solution to significantly improve the energy efficiency of the applications. Moreover, they enable self-powered sensing to eliminate the use of batteries in some applications as medical devices, healthcare, digital security, big data, and the internet of things (IoT). Another reason is the multidisciplinary nature of the research studies, which involve materials physics and chemistry, electronics, computer science, medical devices, etc. The target of this special issue is to investigate the recent trends of energy scavenging and sensing enabled by piezoelectric technologies to present the latest research, with particular focus on prospects and applications. Original papers and focused reviews are encouraged for this Special Issue's submissions

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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