

Special Issue

Next-Generation Temperature Sensors

Message from the Guest Editor

Temperature is one of the most important physical quantities. Monitoring temperature plays an important role in industry and research, such as controlling process temperatures, chemical reactions, and also for use in agriculture. Furthermore, the accurate measurement of localized temperature changes is important for understanding the thermal phenomena of homeostasis and realizing future sophisticated health diagnostics. For this reason, temperature sensors are integrated into wearable electronics to monitor body temperature. The aim of this Special Issue is to cover a wide range of topics, including materials, fabrication process, mechanisms, and applications of temperature sensors for improving human life. Both review articles and original research papers relating to temperature sensors are welcome. For further information about the topics of interest, please visit:
https://www.mdpi.com/journal/sensors/special_issues/ngts

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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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