

Special Issue

Stimuli-Responsive Flexible Sensors

Message from the Guest Editor

Over the last decade, in compliance with the rapid increase in worldwide demands for wearable technologies that improve the quality of human life, the thin-film sensors with flexible form factor have been receiving great attention as one of the key elements for human-friendly electronic systems. Recently, due to revolutionary advances in sensing material, fabrication technique, and structural design, state-of-the-art flexible sensors that enable highly sensitive and real-time detection of various stimuli, have been rapidly developed. Their stable performance on curvilinear or even free-formed interfaces increases the feasibility of the electronic systems to be used for human health monitoring, medical diagnosis, human-robot interaction, food freshness detection, etc. This Special Issue is focused on all aspects of research relevant to flexible sensors for the detection of physical/chemical/biological stimuli. We invite research and review papers that report novel contributions with respect to sensing materials, fabrication methodologies, structural designs, advanced wearable sensing systems, and innovative applications for flexible sensors.

Guest Editor

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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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