

## Special Issue

# Wearable and Stretchable Strain Sensors: Advanced Materials, Sensing Technologies, Energy Harvesting

### Message from the Guest Editors

Substantial research effort is focused on the development of reliable and durable strain sensors in wearable applications for technical as well as medical purposes. A sensor utilizes a certain physical or chemical sensing principle, which leads to an electrical signal that is measured. In the particular case of a wearable and flexible strain sensor, the formation, transmission, and recording of the signal has to overcome certain limitations, such as long-term stability under corrosive environments and harsh mechanical conditions (e.g., tensile, fatigue, and cycling tests). In this Special Issue, we are seeking contributions on new concepts for flexible strain sensors, sensing mechanisms, and the evaluation of their signals under applicatory conditions will be presented. New potential applications and assessments under simulated conditions will be welcome, such as case studies of flexible strain sensors in medicine and physiotherapy.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 June 2024)



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*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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### Editor-in-Chief

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