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Flexible and Stretchable Sensor Technology

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Message from the Guest Editors

Flexible and stretchable sensors, which are generally of low modulus, low bending stiffness, ultrathin features, or elastic response to strain deformations, can provide intimate interfaces with biological tissues and conformal contacts with irregular/deformable surfaces, leading to significant developments toward various advanced forms of monitoring with applications in health assessment, athletic performance evaluation, environmental monitoring, etc. This Special Issue is dedicated to providing a wide coverage of research in different aspects of flexible and stretchable sensor technology from material optimization, device design, and system construction to practical applications. The scope of this Special Issue includes but is not limited to:

- Materials for flexible/stretchable sensors;
- Fabrication strategies of flexible/stretchable sensors;
- New device design for high performance flexible/stretchable sensors;
- Flexible/stretchable system design and integration;
- Implementations of flexible/stretchable sensors/systems in different applications



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Special Issue



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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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