

## Special Issue

# Flexible Sensing: New Materials, Devices and Applications

### Message from the Guest Editors

This Special Issue aims to gather and showcase the entire chain of innovative achievements in flexible sensing technology, from basic research to system applications. It focuses on, but is not limited to, the following: the rational design and controllable synthesis of novel sensitive materials; new principles and devices for high-performance, low-power, and stretchable sensing; and the revolutionary applications of these technologies in scenarios such as real-time health monitoring, personalized medicine, intelligent prosthetics, soft robots, environmental perception, and human-machine fusion systems. We sincerely invite research submissions from the interdisciplinary fields of materials science, electronic engineering, biomedical engineering, micro/nano manufacturing, and artificial intelligence to jointly promote this hot field towards greater intelligence, integration, and practical value.

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### Guest Editors

Dr. Xuelin Wang  
Dr. Liangfei Duan  
Prof. Dr. Lingqian Chang

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### Deadline for manuscript submissions

30 June 2026



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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