



sensors



an Open Access Journal by MDPI

Current Technologies of Textile Sensors

Guest Editor:

Dr. Qiao Li

College of Textiles, Donghua University, Shanghai 200051, China

Deadline for manuscript submissions:

closed (1 December 2022)

Message from the Guest Editor

Smart textiles and flexible sensors have recently emerged as a new interest from both industry and academia. Textile materials are soft, malleable, and permeable, allowing for significant advances toward the development of wearable sensors made from fiber-based materials. The current textile sensors are made by involving sensing materials into fibers, yarns or fabrics. The created sensors could detect different stimuli, such as temperature, mechanical deformation, humidity, and so on. The textile sensors have potential uses in diverse fields, such as healthcare, robotics, and human-machine interaction. To demonstrate the current technologies in this rapidly developing field, this special issue will present contributions from experts in the field.

Potential topics include, but are not limited to:

- fiber/yarn/fabric sensors
- pressure/strain/temperature/or any types of sensors
- application of textile sensors,
- mechanism of textile sensors,
- flexible sensing networks



mdpi.com/si/104300

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)