



sensors



an Open Access Journal by MDPI

Wearables and Artificial Intelligence in Health Monitoring

Guest Editors:

Dr. Yuji Gao

Institute for Health Innovation & Technology (iHealthtech),
National University of Singapore,
Singapore 117599, Singapore

Dr. Xiaojun Xian

Department of Electrical
Engineering and Computer
Science, South Dakota State
University, Brookings, SD 57007,
USA

Deadline for manuscript
submissions:

closed (30 July 2023)

Message from the Guest Editors

Wearable electronics represents a remarkable future option for applications in point-of-care physiological sensing and digital health monitoring. Novel approaches to the functionalization and application of wearable sensors for physical or biochemical targets are of significance in emerging healthcare workflow. Real-time monitoring of physical parameters, such as strain, pressure, temperature, as well as biological variations in metabolites and electrolytes require robust sensing performance during sensor wearing. Artificial intelligence that is capable of real-time feedback and remote intervention is anticipated to provide revolutionary healthcare experience. This Special Issue is addressed to game-changing wearable or artificial intelligence technologies toward daily health monitoring and disease diagnosis.



mdpi.com/si/100947

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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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