# Special Issue

# Wearable and Portable Devices in Sport Biomechanics and Training Science

### Message from the Guest Editors

Sport biomechanics and training have been traditionally tested under laboratory conditions, requiring both specific conditions and expensive equipment. The novel use of wearable devices aids to fulfill the lack of ecology for such measures and provides an affordable and easy-to-use option to perform biomechanics. Lately, wearable sensors have allowed the quantification of performance and workload by providing mechanical and physiological parameters and their popularity has grown exponentially. In this context, more and more wearable sensors are commercially available and, when applied to biomechanics, these devices are able to provide both kinetic and kinematic variables improving consequently the feasibility and testing time of such assessments and, therefore, becoming a real alternative for sport practitioners and researchers. Additionally, wearable devices allow real-time monitoring and biofeedback. This Special Issue encourages authors to submit their research and contributions about the use and application of wearable sensors for sport biomechanics and Training Science. For more details, please visit here.

### Guest Editors

Prof. Dr. Felipe García-Pinillos

Prof. Dr. Alejandro Pérez-Castilla

Dr. Diego Jaén-Carrillo

### Deadline for manuscript submissions

closed (30 June 2024)

**Sensors**

**an Open Access Journal by MDPI**

**Impact Factor 3.5**
**CiteScore 8.2**
**Indexed in PubMed**

mdpi.com/si/159298

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

mdpi.com/journal/sensors

# Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/journal/sensors

# 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.

## 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

## 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 and Instrumentation) / CiteScore - Q1 (Instrumentation)