



sensors



an Open Access Journal by MDPI

Wearable and Portable Devices in Sport Biomechanics and Training Science

Guest Editors:

Prof. Dr. Felipe García-Pinillos

Department of Sports and
Physical Education, University of
Granada, Granada, Spain

Dr. Alejandro Pérez-Castilla

Department of Education,
Faculty of Education Sciences,
University of Almería, Almería,
Spain

Dr. Diego Jaén-Carrillo

Department of Sport Science,
Universität Innsbruck, Innsbruck,
Austria

Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

Dear Colleagues,

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](https://www.mdpi.com/si/159298).



[mdpi.com/si/159298](https://www.mdpi.com/si/159298)

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](#)