



sensors



an Open Access Journal by MDPI

Artificial Intelligence-Enabled System for Health and Biomechanical Monitoring

Guest Editor:

Prof. Dr. Redha Taïar

Department of Physical
Education and Sports (EPS),
University of Reims Champagne-
Ardenne, 51100 Reims, France

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Artificial Intelligence (AI) is anticipated to enter into all spheres of life, playing an indispensable role in various daily life activities. AI is known as the engineering of the future, and it is thought the utilization of technology such as computers and algorithms will facilitate daily tasks as well as advanced assignments. AI-enabled systems can also be used for the application of the principles of biomechanics to the study of human movement in rehabilitation and sport to quantitatively evaluate performance and reduce injury. The objective of this Special Issue is to generate a comprehensive understanding of AI and sensors in healthcare applications by quantifying the state of progress in terms of the use of AI in biomechanics. It will also highlight recent advances in diverse implementations in biomechanical monitoring. Authors are invited to submit outstanding and original unpublished research manuscripts focused on the latest findings in this field



mdpi.com/si/114050

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](#)