

Topical Collection

Sensors and AI for Movement Analysis

Message from the Collection Editor

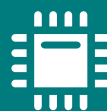
Movement analysis is currently one of the more attractive research fields and covers several applications from clinics to sports, as well as robotics and industry. In recent decades, the introduction of sensor-based systems to quantitatively perform movement analyses represented a breaking point among researchers, allowing them to overcome the limitations associated with the previous subjective methodologies. This Special Issue aims to promote innovative studies based on the application of sensors and AI for movement analysis in several fields, such as clinics, sports, robotics, and industry; the implementation of innovative methodologies for data analysis; the design of innovative sensors; and the publication of open databases for motion analysis.

- movement analysis
- wearable sensors
- artificial intelligence
- experimental biomechanics
- kinematics
- kinetics
- posturography
- muscle activities
- sensor-based system

Collection Editor

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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

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