

Special Issue

Sensors Technology for Sports Biomechanics Applications

Message from the Guest Editors

Technology is increasingly present in the world of sports and performance. Systems designed for industry find their application in sports and biomechanics. Wearable sensors are advancing rapidly, and scientists are finding optimal solutions to monitor athletes in real situations. It is necessary to validate systems for these uses in applied studies. Additionally, reviewing technological advances in sports biomechanics is necessary due to the significant increase in publications related to these systems. This Special Issue seeks papers committed to developing the integration of sensors in sports biomechanics applications. We are looking for original and review papers centered on the following topics, but not limited to them:

- Validity and reliability of wearable devices for sport sciences;
- Applications of technology for sport assessment;
- Biomechanics analysis of sports movements with sensors;
- Novel uses of sensors in sports performance;
- State of the art of wearable devices for biomechanics applications.

Guest Editors

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Deadline for manuscript submissions

closed (25 December 2025)



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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.

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