



Sports Biomechanics and Wearable Technology

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Message from the Guest Editors

Research on human sports performance is moving from the laboratory to the field of play, partially due to the growing adoption of wearable sensor technologies. At the same time, there have been concerns from athletes, coaches, and sports scientists about the output from wearables related to the contextual relevance of the data, as well as inconsistencies and inaccuracies. The opportunity to capture game and practice sports performance data is a driving force behind quantifying personal success, mitigating injuries, and establishing expert performance models. The combination of wearable sensor signals, machine learning, and biomechanics assists researchers in helping coaches and athletes gain valuable insight into their training, performance, and recovery.

This Special Issue will focus on recent research and developments in the science and engineering of developing, implementing, and adopting wearable sensor technology for use in sports.





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