Special Issue

Wearable and Portable Devices for Endurance Sports

Message from the Guest Editor

Sport biomechanics and training have been traditionally tested in laboratory environments, requiring both specific conditions and expensive equipment. The novel use of wearable devices substitutes the lack of ecology for such measures and provides an affordable and easy-to-use option for performing biomechanics. Lately, wearable sensors have enabled 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, consequently improving the feasibility and testing time of such assessments and, therefore, becoming a real alternative for sport practitioners and researchers. Additionally, wearable devices facilitate real-time monitoring and biofeedback. This Special Issue encourages authors to submit contributions on the use and application of wearable sensors for endurance sports. For more details, please visit here.

Guest Editor

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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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