

Special Issue

Applications of Sensors in Biomechanics and Biomedicine

Message from the Guest Editors

The challenge for healthcare professionals, sports medicine, and researchers is to study diagnosis, prevention, and rehabilitation planning, allowing for personalized approaches tailored to patients' individual needs. Sensors in biomechanics and biomedicine have changed and expanded the possibilities of biomedical analysis and made it possible to compare clinical assessment with objective data. In some cases, new applications of well-known sensors or the review of health-related indices obtained with these sensors that respond to clinical needs that were not resolved continue to be found. Furthermore, sensors are used to evaluate clinical and sports devices, evaluating their effectiveness and the body's physiological response. This Special Issue aims to provide a comprehensive overview of advances in applying biomedical or biomechanical sensors. We seek research articles and reviews that provide insight into the new clinical uses, correlation with clinical assessment scales, optimization in biomechanical and biomedical sensors, health-related indices, and evaluation of clinical and sports devices.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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