



Applications of Wearable Sensors in Healthcare, Rehabilitation and Sports Biomechanics

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Message from the Guest Editors

During the recent pandemic and lockdowns, the importance of physical activity has been highlighted. We have become more aware of how leading an active lifestyle improves quality of life, longevity, and overall well-being, as well as reducing the risks of chronic and non-communicable diseases.

Though applications of wearable and equipment-attached sensors are becoming increasingly sophisticated, there are many multi-disciplinary opportunities for advancement. These include increasing usability and operational robustness, generating comprehensive and personable feedback, improving data streaming, and enhancing processing infrastructures. There is also room to address issues such as vendor locking and reliance on proprietary systems that do not provide access to raw data or properly address the need for privacy preservation, empowering end-users to take control over their data sharing, and securing personal data to remain within the oversight of local data protection laws.

This Special Issue of the Applied Sciences journal aims to provide a platform to share the latest research on applications of wearable sensors in healthcare, rehabilitation, and sports biomechanics.





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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.

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