Special Issue

Sensor for Physiological Monitoring

Message from the Guest Editors

Driven by advances in materials science, microelectronics, wireless communication, and data analytics, sensor systems are becoming increasingly compact and efficient and are being integrated more with digital health platforms. Emerging solutions tend to involve incorporating artificial intelligence and machine learning to interpret complex physiological data, facilitating predictive health insights and decision support.

This Special Issue aims to compile cutting-edge research and innovative developments in the field of physiological monitoring sensors. We welcome original articles and reviews addressing sensor design, signal acquisition and processing, integration with wearable or mobile platforms, data analytics, and applications in healthcare, sports science, and remote patient monitoring.

By fostering interdisciplinary collaboration across the fields of engineering, computer science, biomedicine, and healthcare, this Special Issue seeks to highlight the critical role of sensor technologies in shaping the future of personalized and preventive medicine.

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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.

Editor-in-Chief

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