

Special Issue

Wearable Sensors and Technology for Human Health Monitoring

Message from the Guest Editors

The interest in measuring human performance through wearable technology has dramatically increased as the technology continues to advance. The driving force of this growing field is the ability to carry out individualized measurements across multidisciplinary performance areas and diverse populations of people that provide meaningful real-time feedback to optimize performance and monitor wellbeing. One additional area of interest around wearable technology is in the early detection of injury, which is secondary to both musculoskeletal and systemic physiologic insults. Wearable technology has promising utility in advancing this field as it can harness continuous data from multiple physiologic somatic systems and can incorporate additional cognitive and emotional inputs, all of which likely play a role in the complex and dynamic system that leads to injury.

- wearable technology
- sensors
- bioelectronics
- flexible electronics
- human performance
- injury prevention
- physiological monitoring
- remote monitoring
- digital biomarkers
- digital therapeutics

Guest Editors

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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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