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Sensors and Digital Solutions for Human Health and Health Risk Monitoring

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Deadline for manuscript submissions:

closed (15 December 2022)

Message from the Guest Editors

Advances in microelectronics have resulted in a burst of compact sensors and wearable systems for motion tracking and measurement of biosignals. In addition to monitoring human movements and physiological conditions, the popularity of the internet of things (IoT) sensors provides improved access to environmental data, physical activity and movement habits.

We invite researchers to contribute original research papers or comprehensive reviews to this Special Issue. Your contributions will help improve and advance methodologies to develop sensors, processes and analyses of biosignals and corresponding health-related and health-risk-related data, and to use artificial intelligence (AI) and machine learning techniques to strengthen and complement traditional health and risk assessment systems.

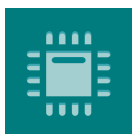
Keywords

- Precision medicine
- Preventive healthcare
- Occupational healthcare
- Prevention of musculoskeletal disorders
- Ergonomic risk assessment
- Precision ergonomics
- Ergonomic work-technique training
- Physical activity
- Artificial intelligence
- Chronic diseases management
- Wearable sensor



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Special Issue



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