

## Topical Collection

# Wearable Sensors for Risk Assessment and Injury Prevention

### Message from the Collection Editors

30 years of development of algorithms for human movement analysis by means of inertial sensors have made such sensors a viable alternative to traditional motion capture, especially when the analysis of the motor task is required in non-standard environments and for long periods of time (e.g., ambulatory settings or during daily life activities). Risk assessment and injury prevention both need to be performed in real-life environments and often through continuous monitoring, and wearable sensors are well suited for this purpose. This special issue welcomes original research articles and narrative and systematic reviews focused on the use of the following typologies of wearable sensors:

- motion sensors;
- force/pressure sensors;
- EMG sensors;
- heart rate sensors;
- light/noise sensors;
- humidity/temperature sensors;
- position sensors.

for risk assessment and injury prevention of people at work, at home or during their sport and leisure activities.

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### Collection Editors

Dr. Pietro Picerno  
Dr. Andrea Mannini  
Dr. Clive D'Souza

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## Sensors

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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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### Editor-in-Chief

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