Special Issue

Independent Living: Sensor-Assisted Intelligent Care and Healthcare

Message from the Guest Editors

Sensors are physical devices or technologies embedded in an environment that detect signals as part of a platform such as a mobile app. Sensors can be wearable or ambient and thus are user-friendly, in that they require minimal effort. A wide range of sensors can now have an impact on health outcomes across the lifespan, particularly among older adults. Such technologies have the potential to maximize autonomy and independence while minimizing risks to privacy. “Intelligent” care can enhance healthcare decisions while supporting service providers in their health interventions. Recent developments make sensors affordable, accessible, and versatile. However, there is minimal evidence of the implementation of these technologies in health with tangible outcomes.

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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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