

Special Issue

Smart Sensors for Physical and Cognitive Health

Message from the Guest Editors

In the digital age, smart sensors have opened the door for a more fine-grained assessment of countless indicators of physical and cognitive health in real-time. These technological advancements will have an invaluable impact on our societies' health. Smart home technologies can be used to monitor individuals' health behaviour, such as medication adherence, nutrition and drinking behaviour, weight, and hygienic behaviours. They can also detect falls, fainting, and cognitive failures, such as forgetting to switch off the oven after cooking. These new technologies will fundamentally change our world and our health by supporting several activities of daily living. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) important advancements in smart sensor technologies on physical and cognitive health, their challenges, and benefits in an overarching topical issue. We strongly encourage submitting papers focussing on the keywords below, but works on related topics will also be considered.

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2023)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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Message from the Editor-in-Chief

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.

Editor-in-Chief

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