

Special Issue

Sensors and Technology-Assisted Dual-Task Cognitive Motor Rehabilitation

Message from the Guest Editors

This Special Issue will highlight the range of sensors, technologies, digital media, and machine learning which are currently being used and those which are emerging as best practices regarding their specifications, acceptability/usability, early diagnosis of dementia and falls prediction, engagement, and therapeutic effects.

Keywords

- mobility limitations
- cognitive impairment
- gait stability
- balance perturbation
- exergames
- virtual reality
- computerized dual-task analysis
- falls risk analysis
- machine learning

Guest Editors

Prof. Dr. Tanvi Bhatt

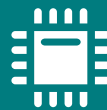
Department of Physical Therapy, University of Illinois at Chicago,
Chicago, IL 60612, USA

Dr. Shuaijie (Jay) Wang

Department of Physical Therapy, University of Illinois at Chicago,
Chicago, IL 60612, USA

Deadline for manuscript submissions

15 January 2026



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/175434

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



[mdpi.com/journal/
sensors](https://mdpi.com/journal/sensors)



About the Journal

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

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)