sensors

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

Indexed in: PubMed

CITESCORE 7.3

Combining Brain-Computer Interfaces and Assistive Biosensing Technologies

Guest Editor:

Dr. Chunxiu Yu
Department of Biomedical Engineering, Michigan Technological University, Houghton, MI, USA

Deadline for manuscript submissions:
15 May 2025

Message from the Guest Editor

The integration of Brain–Computer Interfaces (BCIs) with assistive biosensing technologies represents a frontier in the development of advanced medical and assistive devices. This Special Issue aims to explore the synergies between these fields, highlighting innovative research, technological advancements, and clinical applications including pivotal work involving animal models. Our goal is to provide a comprehensive overview of how these technologies enhance human capabilities, improve quality of life for individuals with disabilities, and open new avenues for medical diagnostics and treatment.

Potential areas of interest include, but are not limited to, the following:

- BCI Designs, Implementations and Integration with Assistive Technologies
- Biosensing Technologies
- Preclinical Research and Clinical Applications
- Cross-Disciplinary Approaches

sensors

IMPACT FACTOR 3.4 | Indexed in: PubMed | CITESCORE 7.3

an Open Access Journal by MDPI

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

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.

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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
𝕏@Sensors_MDPI