

Special Issue

Neuroassessment and Neurorehabilitation in Neuropsychological and Neuropsychiatric Disorders: Application of Wearable Technologies

Message from the Guest Editors

As technology continues to advance, wearables offer unprecedented opportunities for the continuous, real-time monitoring of neurocognitive, behavioral and social-affective impairments. While the potential of such applications for remote monitoring and management of chronic patients presenting non-communicable diseases is more established, theoretical foundations, methodological approaches and emerging trends shaping the integration of wearables in the comprehensive understanding and targeted management of neuropsychological and neuropsychiatric conditions still present open questions. This Special Issue aims to provide an update on recent advances in the application of wearable technologies for complementing assessment, empowerment and rehabilitation of cognitive, affective and behavioral dysfunctions in neuropsychological or neuropsychiatric disorders. Moreover, it aims to constitute a collection of studies detailing the state of the art of R&D in such frontier territory, at the intersection of computer science, neuroengineering and neuroscience. Authors are invited to submit cutting-edge perspective papers, research papers and reviews that address the above-noted topics.

Guest Editors

Dr. Davide Crivelli

1. International Research Center for Cognitive Applied Neuroscience (IrcCAN), Faculty of Psychology, Università Cattolica del Sacro Cuore, 20123 Milano, Italy

2. Research Unit in Affective and Social Neuroscience, Department of Psychology, Università Cattolica del Sacro Cuore, 20123 Milano, Italy

Dr. Michela Balconi

1. International Research Center for Cognitive Applied Neuroscience (IrcCAN), Faculty of Psychology, Università Cattolica del Sacro Cuore, 20123 Milano, Italy

2. Research Unit in Affective and Social Neuroscience, Department of Psychology, Università Cattolica del Sacro Cuore, 20123 Milano, Italy



Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.8
Indexed in PubMed



mdpi.com/si/193346

Brain Sciences
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

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





Brain Sciences

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.8
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2024).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.