



sensors



an Open Access Journal by MDPI

Advanced Wearable Sensors and Other Sensing Technologies for Diagnosis and Treatment of Parkinson's Disease and Movement Disorders

Guest Editors:

Dr. Massimo Marano

Prof. Dr. Antonio Suppa

Dr. Luca Marsili

Dr. Andrea Pilotto

Deadline for manuscript
submissions:

30 June 2024

Message from the Guest Editors

Parkinson's disease is a degenerative neurological disorder that affects millions of people worldwide, posing significant challenges to healthcare systems and the quality of life for patients and caregivers. Given its high prevalence and the heterogeneity of its clinical motor and non-motor manifestations, Parkinson's disease is a model for the study of other related movement disorders such as atypical parkinsonism, Huntington's disease and other forms of chorea, degenerative and inheritable ataxia, and dystonia. The integration of advanced wearable sensors and biosensors into the management of Parkinson's disease and movement disorders marks a paradigm shift from traditional methods to more personalized, accurate, and early detection strategies, which also aim to improve the outcome of clinical trials.

This Special Issue will address the latest advancements in sensing technologies that aid in the diagnosis, monitoring, and treatment of Parkinson's disease and related movement disorders. We welcome original research papers or pilot studies on innovative methodologies focused on sensing technologies.



mdpi.com/si/191759

Special Issue



sensors



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 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)