



sensors



an Open Access Journal by MDPI

Smartphones and Wearable Sensors for Monitoring Heart Rate and Heart Rate Variability

Guest Editor:

Dr. Marco Altini

Founder of HRV4Training, Guest
Lecturer Department of Human
Movement Sciences, Vrije
Universiteit Amsterdam, De
Boelelaan 1105, 1081 HV
Amsterdam, The Netherlands

Deadline for manuscript
submissions:

closed (31 January 2022)

Message from the Guest Editor

Heart rate and heart rate variability have been extensively researched in clinical settings over the past decades. Nonetheless, technological developments in the past few years have dramatically changed accessibility to such data for researchers, patients, and consumers.

In this Special Issue, you are invited to submit contributions describing the development and validation of technologies and methods to measure heart rate and heart rate variability using smartphones and wearable sensors, as well as derived applications relying on these inputs. Of particular interest are systematic evaluations of different technologies and methods aiming at measuring heart rate and heart rate variability, and derived applications.



mdpi.com/si/57916

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 and Instrumentation) / 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](#)