

Special Issue

Artificial Intelligence and Sensors in Cardiovascular Disease Monitoring

Message from the Guest Editor

This Special Issue focuses on artificial intelligence-based systems and sensors for screening and identification of individuals at risk of cardiovascular diseases (CVDs), stroke, and heart attack/myocardial infarction (MI). The publications can include AI or any sensing technologies for the automatic detection of subjects with CVDs or at risk of incidence of CVDs. The studies can utilize retrospective or prospective datasets to validate the results or the automatic detection of the risk factors, which could be based on traditional or novel images. We welcome original research articles and reviews that contribute to the development of innovative, sensor-based solutions powered by AI.

- Development of novel sensor technologies for cardiovascular monitoring.
- AI-based approaches for analyzing sensor data to detect early signs of CVDs.
- Wearable and non-invasive sensing systems for real-time health monitoring.
- Machine learning and deep learning applications in cardiovascular diagnostics.
- Sensor fusion techniques for comprehensive cardiovascular assessment, and ECG, EKG data analysis.

For more details, please visit [here](#).

Guest Editor

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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.

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