

## Special Issue

# AI on Biomedical Signal Sensing and Processing for Health Monitoring

### Message from the Guest Editor

This Special Issue is hence focusing on emerging AI technologies for biomedical signal processing applications, including measurement and analysis of biomedical signals and images in clinical medicine. Original research and review articles are both welcome. Potential topics include, but are not limited to, the following:

- AI on biomedical signal processing for sleep status detection;
- AI on biomedical signal processing for emotion recognition;
- Detection of arrhythmia based on biomedical signals by using AI technologies;
- AI on biomedical signal processing for brain diseases;
- Feature extraction and pattern recognition of biomedical signals;
- Applications of biomedical signals on health monitoring by using non-invasion device;
- AI on biomedical signal processing for communication disorders detection;
- Biomedical signal-inspired non-invasion devices design for sensing and monitoring.

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### Guest Editor

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### Deadline for manuscript submissions

20 August 2025



## Sensors

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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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