

Special Issue

Recent Advances in Artificial Intelligence for Medicine and Healthcare Data Analysis

Message from the Guest Editors

Recently accompanying the advancement of machine learning (especially deep learning), AI-assisted medical and healthcare data analysis have entered into a new era with exciting progress in many areas. It is an amazing golden age for the interface researchers involved in the development and applications of advanced machine learning techniques to solve long-standing problems with the merits of powerful AI techniques. This Special Issue aims to capture the most recent important advances in these cross-disciplinary areas and provide a platform for academics, scientists, researchers, clinicians, medical services, etc. Topics:

- Medical image analysis.
- Signal processing and medical imaging.
- Deep learning for medical applications.
- Automated medical diagnostics.
- AI-assisted pathologies.
- Brain and neuroscience.
- Mental and psychological diagnosis.
- Neurodegenerative diseases.
- Detection and diagnosis of cardiovascular disease.
- Cancer imaging and diagnosis.
- Hematology and blood analysis.
- Health and wellbeing data analysis.
- Medical data management and EHR.
- Medical biometrics.
- Medical robotics.
- AIoT medical devices.
- Pandemic prediction and prevention.
- Any AI-related topics.

Guest Editors

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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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